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Lancaster Farming

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For amber waves of grain...

Right to know will have impact on ag

BY LAURA ENGLAND

HARRISBURG — A legislative bill, currently awaiting action of the Senate Labor and Industry Committee, calls for the posting and labeling of hazardous chemicals in the workplace, including nonmanufacuring industries such as farming.

The "Right to Know" bill is designed to provide employees in all occupations the right to know what chemicals or hazardous substances are in their workplace. The bill also extends the same to community members wanting to obtain information on chemicals in the workplace and the community.

Termed the labeling bill of hazardous and toxic substances, House Bill 1236 goes one step beyond the federal standards set by the Occupational Safety and Health Administration (OSHA), according to Ken Lee of the research staff on labor relations.

"Federal OSHA standards provide the same information as this bill asks for," Lee said, "but it only covers the manufacturing sector. It doesn't deal with the

(Turn to Page A17)

Fourth of July vs. July 4

BY DICK ANGLESTEIN

It's the All-American Day.

But it's a different kind of a day for different people.

For the majority of Americans -- more than 97 percent that are not engaged in production farming -- it's the Fourth of July -- a holiday.

For a minority of less than three percent of Americans who are production farmers, it's July 4.

There's a big difference.

For the majority, it was a welcomed mid-week chance to get an extra dose of sun and fun and a head start on this weekend.

For the minority, the sun was welcomed as an opportunity to get caught up a bit of field work that was delayed by the previous weekend's rain.

For the majority, it was a day of outdoor leisure -- at the lake, beach or backyard pool.

For the minority, it was 20 hours outdoors,

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(See editorial A10)

Rabies moving to NE

Current center is Franklin County

BY JACK HUBLEY

HARRISBURG — A disease that took hold in West Virginia during the late 1970's is continuing its movement north and east, according to State Health Department epidemiologist Dr. Robert Jones.

Caused by a virus, rabies is an acute disease of the central nervous system that almost invariably results in death once symptoms appear. Though these symptoms may result in dramatic behavioral changes in the advanced stages of the disease, rabies is readily transmitted by victims that often appear quite healthy, Jones stresses.

"Dogs and cats will begin to shed the virus three to five days before symptoms appear," Dr. Jones points out, "and skunks may transmit the disease 17 to 18 days before they show symptoms."

Because of the broad spectrum of symptoms displayed by infected animals, laboratory testing remains the only reliable diagnostic technique, says Dr. John Cable, a veterinarian with the Bureau of Animal Industry. Cable advises that any form of abnormal behavior exhibited by wild animals is reason for caution.

"We've seen a number of cases where raccoons have climbed into dog kennels, and were either killed by the dogs or walked right in and took over the dog house," Cable says. "Loss of fear is common. Wild animals that aren't normally seen during the daylight hours may be seen wandering aimlessly when infected, and some animals may try to approach or follow humans."

As the disease advances, Cable states that a general weakness in an animal's rear quarters will lead to dragging of the hind legs.

In its terminal stages rabies may cause paralysis in the muscles located in the jaws and throat resulting in an inability to swallow. This condition, when coupled with hypersalivation, according to Dr. Jones, may lead to the "foaming at the mouth" appearance of some rabid animals. Jones points out, though, that the animal may simply fade away in a stupor, exhibiting none of the aforementioned characteristics. In either case, death usually results from paralysis of the chest muscles.

Franklin County district game protector Ron Schmuck points out

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Livestock market and auction news

Wednesday markets not covered by USDA & PDA due to holiday

Lancaster Market

Monday, July 2
Report Supplied By USDA

	Cattle	Calves	Hogs	Sheep
Today	1092	110	1067	402
Last Monday	1547	204	1045	623
Last Year	1406	42	955	111
Monday's Auction	1156	115	1026	483
Last Monday's Auction	1617	211	1011	666

CATTLE: Compared to last Monday Choice and Prime slaughter steers 1.00-1.50 higher, Good to low Choice steady to 50 higher; heifers not fully comparable, as bulk of supply Standard and Good 700-950 lb.; cows 50-1.00 higher, some sales Canner and Cutter 2.00 higher; bullocks steady to weak; bulls 1.00-2.00 lower. Supply included 59% steers, 9% heifers, 10% cows, and 12% bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1450 lbs 66.25-67.85, around 30 head 68.00-68.60; Choice 2-3 1100-1400 lb. 63.00-65.50, few 65.50-66.35; high Good and low Choice 2-3 1050-1325 lb. 58.75-63.00; Good 2-3 1050-1225 lb. 55.00-59.50, few 900-1050 lb. 51.00-57.00, couple lots Choice 1300-1425 lb. Holsteins 54.00-58.60, Good 1050-1300 lb. 50.00-52.00, Standard 1000-1200 lb. 44.00-48.00.

SLAUGHTER HEIFERS: Few head Choice 2-3 980-1100 lb. 55.00-57.50; Good 2-3 900-1100 lb. 52.00-55.75; Standard and Good 750-950 lb. 43.50-46.50.

COWS: Breaking Utility and Commercial 2-4 42.50-44.50, few 44.75-46.00; few Commercial 3-4 beef breed 41.00-43.00; Cutter and Boning Utility 1-3 40.50-43.00; Canner and low Cutter 38.00-40.50.

BULLOCKS: Good 1000-1275 lb. 52.25-55.50, couple Choice 57.25-60.25.

BULLS: Yield grade 1 1300-2050 lb. 50.00-51.50, couple 53.00-54.25; yield grade 2 1000-1360 lb. 45.25-50.00.

VEAL CALVES: Vealers weak to 5.00 lower; slaughter calves not tested. Demand fair for Holstein bulls to return to farm.

VEALERS: High Choice and Prime 270-350 lb. 85.00-102.00; Choice 160-320 lb. 70.00-85.00; high Good and low Choice 120-160 lb. 50.00-70.00, 80-115 lb. 40.00-52.00, few 52.00-60.00.

RETURNED TO FARM: Bulk 95-125 lb. Holstein bulls 75.00-85.00.

SHEEP: Spring lambs 2.00-4.00 higher; slaughter ewes 3.00-5.00 higher. Supply included around 100 goats.

SPRING LAMBS: Choice and Prime 85-110 lb. 58.00-62.00; Choice 80-105 lb. 55.00-68.00, Good 60-85 lb. 50.00-55.00.

SLAUGHTER EWES: Utility and Good 15.00-23.00.

GOATS: All goats sold by the head; bulk of mature goats 30.00-50.00; few large billies 50.00-60.00; kid goats 20.00-30.00.

Vintage Auction

Tuesday, July 3
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	987	746	15	1
Last Tuesday	1565	758	21	2
Last Year	1501	952	20	0

CATTLE: Compared to last Tuesday slaughter steers 50-1.00 higher, instances 2.00 higher; slaughter heifers not tested; cows mostly steady, instances 1.00 lower; bulls weak to 1.00 lower. Supply included 68 percent slaughter steers and 28 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1425 lb. 66.50-68.85, five head 69.10-69.60; Good and Choice 1-2 1100-1375 lb. 67.25-68.85, four head 69.00-69.85; Choice 2-4 1050-1460 lb. 63.10-67.00, several 67.00-67.60; high Good and low Choice 2-3 995-1350 lb. 61.00-63.35; few Good 2-3 58.00-61.00.

COWS: Breaking Utility and Commercial 2-4 42.50-44.25, few 44.25-45.75; Cutter and Boning Utility 1-3 39.75-43.00; Canner and low Cutter 36.00-39.75.

BULLS: Yield grade 1 1400-1800 lb. 49.50-52.00, couple 2300-2455 lb. 54.25-55.75; yield grade 2 1000-1400 lb. 45.00-48.50; couple Good 1050-1300 lb. bullocks 52.35-53.00.

VEAL CALVES: Choice vealers not tested; small supply high Good and low Choice 160-300 lb. 5.00-10.00 lower, 70-105 lb. 5.00 lower. Supply included 487 in graded sale of which 79 percent sold to return to farm.

VEALERS: Few high Good to low Choice 160-315 lb. 58.00-61.00; couple Choice 145-160 lb. 75.00-78.00; high Good and low Choice 110-140 lb. 46.00-59.00, 80-105 lb. 39.00-47.00, 70-80 lb. 32.00-39.00, few 60-70 lb. 25.00-35.00.

RETURNED TO FARM: 20 head 110-125 lb. Holstein heifers 69.00-71.00, 50 head 90-105 lb. 50.00-55.00. 50 head 120-135 lb. Holstein bulls 76.00-87.00, 150 head 100-115 lb. 91.00-98.00, 25 head 100-105 lb. 103.00, 25 head 90-95 lb. 83.00; 90 head small frame 90-115 lb. 49.00-55.00.

SHEEP: Insufficient volume for a market test; couple Choice 75-80 lb. spring lambs 61.00-62.00; Good 55-100 lb. 47.00-58.00.

GOATS: Individual big billy 39.00.

New Holland Livestock

Thursday, July 5

CATTLE: 1336. Compared to last Thursday slaughter steers 2.00-2.50 higher; slaughter heifers not fully tested; cows firm to 1.00 higher, although Breaking Utility and commercial scarce; small supply bulls fully steady. Supply included 70 percent slaughter steers, 24 percent cows, 3 percent slaughter heifers and 3 percent bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1170-1430 lb. 67.25-69.60, about 15 head 70.00-70.35; Good and Choice 1-2 1100-1325 lb. 67.00-70.00; Choice 2-4 1100-1400 lb. 64.25-67.50, few 67.50-68.00; Choice 2-3 1025-1100 lb. 63.00-64.50; high Good and low Choice 2-3 60.75-64.50; Good 2-3 58.00-61.00; Good and Choice 1090-1450 lb. Holsteins 52.75-55.00, couple Choice 56.50-58.00.

SLAUGHTER HEIFERS: Good 2-3 900-950 lb. 49.00-54.00, Standard and Good 640-800 lb. 43.25-46.00.

COWS: Few Breaking Utility and Commercial 2-4 44.00-46.00; Cutter and boning Utility 1-3 40.75-44.50, several 44.50-46.00; Canner and low Cutter 37.00-41.00.

BULLOCKS: Couple Choice 1100-1225 lb. 57.25-59.00; few Good 1050-1275 lb. 53.50-55.00.

BULLS: Yield grade 1 1350-1850 lb. 51.00-52.75, individual 53.60; yield grade 2 900-1450 lb. 48.00-51.50.

VEAL CALVES: 609. Vealers uneven, few high Choice and Prime 5.00-8.00 lower, Choice and high Good and two Choice firm to 5.00 higher. Demand good for Holstein bulls to return to farm.

VEALERS: High Choice and Prime 300-370 lb. 89.00-99.00; Choice 160-300 lb. 75.00-90.00, few 90.00-97.00, individual 175 lb. 100.00; high Good and low Choice 140-250 lb. 58.00-76.00, 80-115 lb. 54.00-60.00, 70-80 lb. 45.00-54.00.

RETURNED TO FARM: Bulk 100-115 lb. Holstein bulls 84.00-97.00, few 98.00-106.00; few 120-145 lb. 74.00-89.00, several small frame 90-115 lb. 57.00-75.00.

SHEEP: 59. Spring lambs fully steady; slaughter ewes steady.

SPRING LAMBS: Choice 55-80 lb. 64.00-70.00; few Good and Choice 20-40 lb. 68.00-69.00; Good 50-75 lb. 42.00-55.00.

SLAUGHTER EWES: Utility and Good 14.00-21.00.

GOATS 12. All goats sold by the head, mainly 24.00-34.00, couple 44.00-55.00.

Lancaster County Weekly

Friday, July 6

	Cattle	Calves
This Week	3600	1475
Last Week	5446	1762
Last Year	5671	1620

CATTLE: Slaughter steers sold progressively higher throughout the week, closing 2.00-2.50 higher; slaughter heifers steady on small supply; cows mostly steady, instances 1.00 higher; bullocks steady to weak; bulls 1.00-2.00 lower. Supply included 67% slaughter steers, 5% slaughter heifers, 20% cows, 5% bulls, with the balance feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1450 lb. 66.25-69.60, about 15 head 70.00-70.35; Good and Choice 1-2 1100-1375 lb. 67.00-70.00; Choice 2-4 1025-1460 lb. 63.00-67.50, late mainly 64.50-67.50, with few 67.50-68.00; high Good and low Choice 2-3 975-1350 lb. 60.50-64.50; Good 2-3 55.00-61.00; Good and Choice 1909-1450 lb. Holsteins 52.75-55.00, couple lots Choice 56.50-58.60, Standard 1000-1200 lb. 44.00-50.00.

SLAUGHTER HEIFERS: Few Head Choice 2-3 980-1100 lb. 55.00-57.50; Good 2-3 900-1100 lb. 49.00-55.25; Standard and Good 640-900 lb. 43.25-46.50.

COWS: Breaking Utility and Commercial 2-4 42.50-44.75, few 44.75-46.00; few Commercial 3-4 beef breed 41.00-43.00; Cutter and Boning Utility 1-3 39.75-44.50, several 44.50-46.00; Canner and low Cutter 37.00-41.00.

BULLOCKS: Good 1000-1275 lb. 52.25-55.50; couple Choice 1100-1225 lb. 57.25-60.25.

BULLS: Yield grade 1 1300-2050 lb. 50.00-52.75, few 53.00-54.25, individual 2300 lb. 55.75; yield grade 2 900-1450 lb. 45.00-51.50.

VEAL CALVES: Vealers uneven; high Choice and Prime weak to 5.00 lower; other grades firm to 5.00 higher. Demand fair for Holstein bulls to return to farm.

VEALERS: High Choice and Prime 270-370 lb. 85.00-102.00; Choice 160-320 lb. 70.00-90.00, few 90.00-97.00; high Good and low Choice 140-320 lb. 58.00-78.00, 110-140 lb. 50.00-59.00, 80-115 lb. 39.00-52.00 with late sales certified 54.00-60.00, several uncertified 60-80 lb. 25.00-40.00.

RETURNED TO FARM: Few 110-125 lb. Holstein heifers 69.00-71.00, around 50 head 90-105 lb. 50.00-55.00. Bulk 100-115 lb. Holstein bulls 84.00-97.00, few 97.00-106.00; several 120-145 lb. 74.00-89.00; 90-95 lb. 80.00-85.00; several small frame 90-115 lb. 49.00-70.00.

Dewart Livestock

Dewart, Pa.
Monday, July 2, 1984
Report Supplied by PDA

CATTLE 249. Compared with last Monday's market, slaughter cows 50 cents-$1.50 down. One Prime slaughter steer at 67.85, few choice 2-4 1050-1250 61.75-66.00, few Choice Holstein 55-58.00, few Good 55-61.25, few Holstein 50-54.50, few Choice slaughter heifers 58-65.00, few Good 52-58.25, few standard 48.50-50.50, Breaking Utility & Commercial slaughter cows 42.50-44.85, Couple to 46.75, Cutter & Boning Utility 39.75-44.00, Canner & Low Cutter 35.50-39.75, Couple to 46.75, Cutter & Boning Utility 39.75-44.00, Canner & Low Cutter 35.50-39.75, Shells down to 31.00. Yield Grade No. 1 11-2050 lbs. slaughter bulls 44.75-50.50.

FEEDER CATTLE: Steers one Lot Medium Frame #1 350 lbs. at 70.00 few large Frame #2 at 550-825 lbs. 40.50-43.50.

CALVES 265. One Prime at 90.00, Good & Choice 64-76.00, Standard & Good 75-105 lbs. 52-58.00, Utility 60-85 lbs. 40-50.00.

FARM CALVES: Holstein bulls 90-130 lbs. 58-86.00.

HOGS 158. Barrows & gilts $1-2 higher. US No. 1-2 205-240 lbs barrows and gilts 53-55.60, No. 1-3 210-260 lbs. 51.50-54.50. Sows US No. 1-3 3-610 lbs. sows 40-46.00 Couple down to 37.50. Few Boars 30-33.00.

FEEDER PIGS 278. US No. 1-3 20-35 lbs. feeder pigs 17-30.00 per head, No. 1-3 35-50 lbs. 28-35.00, No. 1-3 60-70 lbs. 35-41.00 per head.

SHEEP 21. Few Choice 80-100 lbs. Spring slaughter lamb 50-52.00. Slaughter ewes 5-18.00.

GOATS 16; Large 10-25.00 per head.

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365 days a year
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LANCASTER STOCK YARDS

AUCTIONS
MONDAY
9:00 A.M — Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M. — Slaughter Hogs
1:00 P.M. — Feeder Pigs
WEDNESDAY
8:00 A.M. — Slaughter Hogs
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
12 NOON — Slaughter Sale Load Lot (5 or more)
FRIDAY
11:00 A.M. — Stocker and Feeder Cattle
SATURDAY
8:00 A.M. — Slaughter Hogs

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Get calves in early. We start to grade and weigh at 2:00.
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PHONE:
JONESTOWN
865-2881
Sale every Tuesday at 1 30 P M starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12 30

HOG MARKETS

Lancaster Hogs
Lancaster Stockyards
Monday, July 2
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts 1.00-1.50 higher; sows 2.00-3.00 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 56.00-57.00. US 1 210-245 lb. 58.00-59.00. US 1-3 200-265 lb. 55.00-56.00. US 2-3 Couple lots 260-275 lb. 54.50-55.00.

SOWS: US 1-3 350-600 lb. 41.50-44.50, few 500-650 44.50-45.50.

Tuesday, July 3

Today	169
Last Tuesday	184
Last Year	480

TREND: Compared to Monday barrows and gilts .75-1.25 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 55.75-56.25, one lot 204 lb. 52.60. US 1-3 210-260 lb. 53.75-55.75.

Wednesday, July 4

No market quotes available due to holiday.

New Holland Hogs
New Holland Sales Stables
Monday, June 2
Report supplied by USDA

Today	1649
Last Monday	1839
Last Year	1301

TREND: Compared to last Monday barrows and gilts 3.00-3.50 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 57.00-57.50. US 1 210-255 lb. 58.50-60.50. US 1-3 210-260 lb. 56.00-57.00. US 1-2 Couple lots 200-210 lb. 55.00-55.50. US 2-3 Couple lots 250-270 lb. 54.25-55.00.

New Holland Feeder Pigs
Wednesday, July 4
Report supplied by USDA

473 head.

1's and 2's, 30-39 lbs., 85.00-102.00; 40-49 lbs., 86.00-96.00; 50-59 lbs., 76.00-90.00.

2's and 3's, 27-32 lbs., 90.00-102.00.

Peoria Hogs
Thursday, July 5
Report supplied by USDA

2000. Barrows & gilts moderate, steady to weak.

BARROWS AND GILTS: US 1-2 220-250 lb. 54.00-55.00. US 1-3 200-250 lb. 53.00-54.00.

SOWS: Steady-1.50 higher, most advance on weights over 500 lb. (17%) US 1-3 350-500 lb. 46.00-47.00; 500-650 lb. 48.50-49.00.

BOARS: Over 350 lb. 43.00; 250-350 lb. 41.00-41.50; under 250 lb. 46.00-46.50.

St. Louis Hogs
Thursday, July 5
Report supplied by USDA

3000. Barrows & gilts weighing between 220-260 lb. moderately active, .25 lower, other weights slow, .50-.75 lower.

BARROWS & GILTS: US 1-2 220-260 lb. 55.00-55.50; 200-220 lb. 54.50-55.00. US 1-3 200-240 lb. 53.50-54.00; 260-270 lb. 54.00.

SOWS: Under 500 lb. mostly .25 higher; over 500 lb. 1.00 higher (About 20%); US 1-3 300-500 lb. 46.50 to mostly 46.75; Over 500 lb. 47.50-49.50.

BOARS: Over 250 lb. 42.50; under 250 lb. 46.00.

Indianapolis Hogs
Thursday, July 5
Report supplied by USDA

500. Barrows and gilts slow, mostly steady.

BARROWS & GILTS: US 1-2 220-250 lb. 55.00, 25 head 55.25; US 1-3 210-265 lb. 53.50-54.50.

SOWS: Active, firm to 1.00 higher, advance over 500 lb. (6%) US 1-3 450-480 lb. 45.00; 580 lb. 50.00.

BOARS: Few under 250 lb. 44.00; over 400 lb. 38.00-40.00.

Lancaster Hogs
Lancaster Stockyards
Saturday, June 30
Report supplied by auction

1,000 head.

US 1 220-250 lbs. 56.50-58.50; US 1 & 2 220-250 lbs. 55.75-56.50; US 1 & 2 232-250 lbs. 54.75-55.75; Sows over 300 lbs. 38.00-42.00; Boars over 300 lbs. 34.00-36.00; Boars under 300 lbs. 36.00-44.00.

Vintage Hogs
Vintage Sales Stables
Saturday, June 30
Report supplied by auction

US 1 & 2 221-243 lbs. 56.25-58.25; US 2 & 3 204-251 lbs. 55.25-56.25; Lightweight 158-178 lbs. 42.25-45.00; Heavyweight 252-275 lbs. 54.50-55.75; Sows 390-630 lbs. 39.00-41.25; Boar 270-610 lbs. 32.00-34.00.

Lancaster Feeder Pigs
Tuesday, July 3
Report supplied by USDA

Today	837
Last Tuesday	897
Last Year	762

TREND: Compared to last Tuesday feeder pigs 10.00-12.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 161 head 30-39 lb. 97.00-110.00; 107 head 40-49 lb. 95.00-106.00; 107 head 40-49 lb. 76.00-85.00; 57 head 50-53 lb. 97.00-100.00; 32 head 52-57 lb. 73.00-88.00; 78 head 60-67 lb. 81.00-90.00; 23 head 80-87 lb. 59.00-66.00.

US 2-3: 20 head 25-30 lb. 92.00-98.00; 76 head 31-39 lb. 75.00-85.00; 32 head 40-49 lb. 75.00-79.00; 7 head 52 lb. 70.00.

Chambersburg Livestock
Chambersburg, Pa.
Thursday, July 5
Report Supplied by PDA

CATTLE: 206. Compared with last Thursday's market: Sl. cows 1.50-2.50 higher. Holsteins: (few) Standard & Good 47.10-54.00; (few) Utility 43.00-44.00. Sl. heifers: (few) Choice 58.85-66.10; (few) Standard 43.25-48.00. Sl. cows: Breaking Utility & Commercial 43.00-46.00; Cutter & Boning Utility 39.00-44.25; Canner & L. Cutter 35.50-39.50; Shells down to 32.85. Sl. bullocks: one Good 53.35. Sl. bulls: (few) Yield Grade No. 1, 1075-2115 lbs. 45.50-54.00.

CALVES: 437. (few) Choice 70.00-88.00; (few) Good 58.00-66.00; Standard & Good 75-105 lbs. 50.00-60.00.

FARM CALVES: Hol. Bulls 90-130 lbs. 60.00-100.00, mostly 75.00-92.00; Hol. Heifers 85-130 lbs. 55.00-75.00.

HOGS: 125. Barrows and gilts .75-1.25 higher. Lot US No. 1-2 230 lbs. 55.35. No. 1-3 215-240 lbs. 54.85-55.00; Sows 290-590. US No. 1-3 43.00-49.50. Boars few 33.00-36.75.

FEEDER PIGS 21. Not enough of any one grade to establish a market.

SHEEP: 27. Good & Choice 50-110 lbs. 43.50-50.00. Sl. ewes: Couple 11.00.

GOATS: 1.

Belleville Livestock
Belleville, Pa.
Wednesday, July 4, 1984
Report Supplied by Auction

This Report was not covered by our reporter due to July 4th holiday: Although headages were supplied by the auction.

CATTLE 68.
CALVES 135.
HOGS 224.
FEEDER PIGS 108.
SHEEP 26.
GOATS 22:

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

	CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)	416,000	34,000	821,000	76,000
Same Period Last Week (Est.)	533,000	42,000	1,109,000	92,000
Same Period Last Year (Act.)	397,000	32,000	967,000	81,000

Chicago Grain Futures

(Closing Bids as of Thursday, July 5)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
July	3.44¼	3.42¼	6.79¾	164.30
Aug.			6.79	167.50
Sept.	3.12¼	3.47	6.62½	170.00
Nov.			6.53¾	
Dec.	2.94	3.62½		175.40
Jan. '85			6.66	
Mar. '85	3.03¾	3.73¼	6.79	
May '85	3.09¼	3.76¼	6.89½	

Trends - Corn - weaker; Wheat - weaker; Soybeans - weaker; Soybean Meal - weaker.

Market Provided by Merrill-Lynch Commodities, York

Futures Trading

(Closing Bids as of Thursday, July 5)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
July		54.82	
Aug.	64.37	54.67	
Oct.	63.32	51.92	
Nov.			3.70
Dec.	64.31	53.25	
Feb. '85	64.80	54.70	
April '85	65.50	50.60	
May '85			5.17

Trends - Cattle - weaker; Hogs - weaker; Potatoes - weaker.

Market Provided by Merrill-Lynch Commodities, York

ATTENTION HOG PRODUCERS

Now you have a choice of marketing your fat hogs on any one of 4 days a week through Walter M. Dunlap and Sons.

The starting times for each day are as follows:

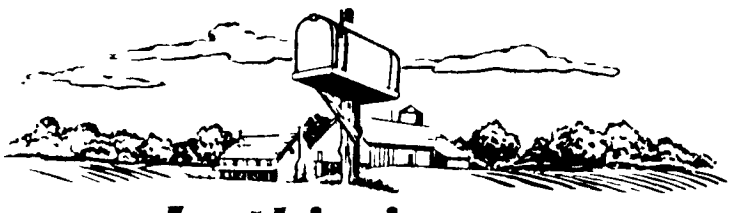
Monday at 11 A.M., Tuesday at 10 A.M., Wednesday and Saturday at 8 A.M.

Consign your fat hogs to Walter M. Dunlap and Sons where they will be handled by experienced and capable personnel. All hogs weighed upon arrival.

For market information contact Ken Smoker or Ollie Nagle at 717-397-5136.

FEEDER PIG SALE
Every Tuesday - Starting at 1 P.M.

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136
An Old Line Commission Firm Keeping Abreast With The Times



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POULTRY MARKETS

N.E. Weekly Shell Egg Report

Tuesday, July 3
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	.93-.95	.88-.90	.73-.75	.51-.53
Mostly	93	88	73	51
N. HAMP.	.83-.87	.81-.85	.61-.65	.38-.42
Mostly	.85-.86	.83-.84	.63-.64	.40-.41
R.I.	.85-.91	.83-.89	.63-.69	.39-.45
Mostly	.87	.89	.65	.42
VERMONT	.95-.99	.89-.97	.75-.77	–
Mostly	.98	.96	.76	–
MAINE	.90-.95	.88-.93	.68-.73	.45-.50

X Includes Central and Western Sections only.

Weekly New York Egg Market

From Friday, June 29 to Thursday, July 5

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.85	.85	.85		.85
Ex Large	.79	.79	.79	C	.79
Large	.74	.74	.74		.74
Medium	.58	.58	.58	L	.58
Pullets	.43	.43	.43		.43
Off Grade	.63	.63	.63	O	.61
BROWN					
Jumbo	–	–	–	–	–
Ex Large	.87	.87	.87	S	.87
Large	.83	.83	.83		.83
Medium	.65	.65	.65	E	.85
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Undergrades	.42	.42	.42		.40
Checks	.40	.40	.40	D	.38

Breaking Stock: Friday - 14.10-14.70, 14.70-15.00; Tuesday 13.80-14.70, 14.70-15.00; Thursday 13.50-14.40, heavyweight, unquoted.

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P.O. Box 366 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
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Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, July 3
Report supplied by auction

RABBITS: 4-6 lbs. range .60-.84 per lb.

RABBITS: 7-11 lbs. range .40-.52 per lb.

BUNNIES: .50-1.00 ea.

GUINEA PIGS: range 1.00-2.00 ea.

GOATS: range 20.00-59.00 ea.

KID GOATS: range 20.00-32.00 ea.

TOTAL NUMBER COOPS: 168.

Eastern Pa. & N.J. Poultry

Wednesday, July 4
Report supplied by USDA

Market Comment: Trading limited for both this and next week's schedules. Plant operations sharply reduced this week as buyers close for an extended holiday. Offerings very light at most plants. Finished sales seasonably fair.

Prices Paid at Farm:
Light Type Hens: 7-7.5.
F.O.B. Plant: 10.5-11.

Delmarva Poultry

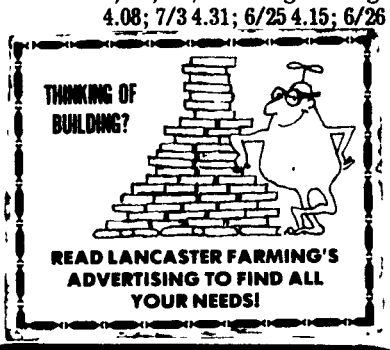
Thursday, July 5
Report supplied by USDA

Market Comment: Movement on ready to cook whole birds is moderately good and plants note satisfactory clearances. Legs and wings meet a good call today and asking prices are advanced. Movement of breast items is generally light and prices are negotiable.

Live supplies are adequate. Slaughter schedules are moderate overall. Weights mostly desirable to light. Undertone steady.

Today's L.T.L. asking prices are unchanged on U.S. Grade A at 62-68 cents.

Estimated 7/4 386,000; Actual 7/5 1,745,000; 6/27 1,983,000; 6/28 1,998,000; 7/2 1,827,000; 7/3 1,851,000; Average Weights 7/2 4.08; 7/3 4.31; 6/25 4.15; 6/26 4.25.



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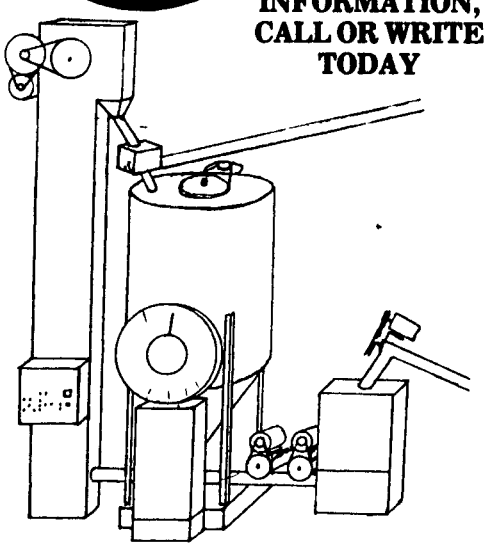
FOR MORE INFORMATION, CALL OR WRITE TODAY



automatic farm systems
608 Evergreen Rd.
Lebanon, PA 17042
(717) 274-5333

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification		DATE July 3 Tuesday	DATE July 5 Thursday
Class 1 - Large	48 lbs.	.57	.56
Class 2 - Large	45 lbs.	.50½	.50½
Class 3 - Medium	42 lbs.	.42½	.42½
Class 4 - Small	39 lbs.	.38	.38
Breaking Stock	48 lbs.	.49	.48
Checks	48 lbs.	.44	.43

New York Multiple Drop Broiler Report

Thursday, July 5
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A .62-.68; Weighted AVG.: U.S. Grade A 66.31; Premium (X) Boxes 12,205.

(X) Includes special services, selected competitive brands, etc.

Philadelphia Eggs

Thursday, July 5
Report supplied by USDA

MARKET COMMENT: Prices unchanged under a generally steady trade sentiment. Cartoned egg demand is fair overall and usually sufficient enough to keep supplies from building beyond manageable levels. Large are fully adequate. Extra large are adequate. Mediums are irregularly available but long overall and excesses are noted as frequently discounted to effect movement.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .71-.73; A Large .70-.72; A Medium .53-.57.

Oklahoma Cattle

Thursday, July 5
Report supplied by USDA

Estimated Receipts: 200
Same Day Last Week: 558

Weekly cattle summary: Compared with last week– Feeder Steers steady to firm. Feeder Heifers steady to 1.00 lower, No. 1's holding steady, Mixed Grades often at the full decline. Bulk Feeder supply Mixed 1-2 and No. 2 muscling, very thin test on No. 1's.

Slaughter Cows $1.00-1.50 higher. Bulls $1.00 higher. Limited available numbers a major factor in the trade. Breaking-Utility and Commercial 2-4 Slaughter Cows 38.25-41.50, very High-dressing 41.50-43.00. Boning-Utility 1-2 37.00-40.60, lot High-Dressing 41.50. Cutter 1-2 35.00-39.00. Canner and Low-Dressing Cutter 31.75-36.50.

Y.G. 1 few 2 Slaughter Bulls 1150-1450# 46.50-51.00; 1550-1900# 50.60-53.00.

Salable receipts this week near 2400 head, last weeks actual count 29,897 head, last years head count 7911. Feeder Steers and Heifers made up 75% of run; Cows and Bulls 25%.

Depend on Moyer's to deliver...

If your livelihood depends on your ability to obtain quality chicks or started pullets then you can depend on Moyer's. Even through the present shortages of hatching eggs and chicks, Moyer's still has a few open hatch dates of 20-30,000 lots of pullets available.

Whether its custom grown started pullets, day-old chicks, or broilers, you can depend on Moyer's to deliver. Don't wait to contact a Moyer's representative at 215-536-3155 or 717-677-8473.

Moyer's CHICKS, INC.

DEKALB BROWN & WHITE EGG LAYERS

Quakertown, PA 18951
(215) 536-3155

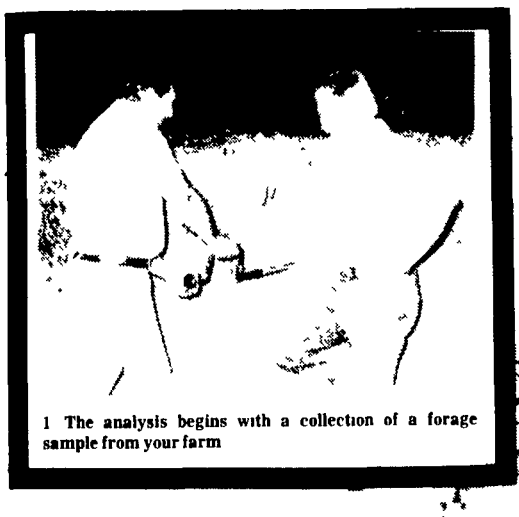
HUBBARD WHITE MT. BROILERS

Pennfield and You

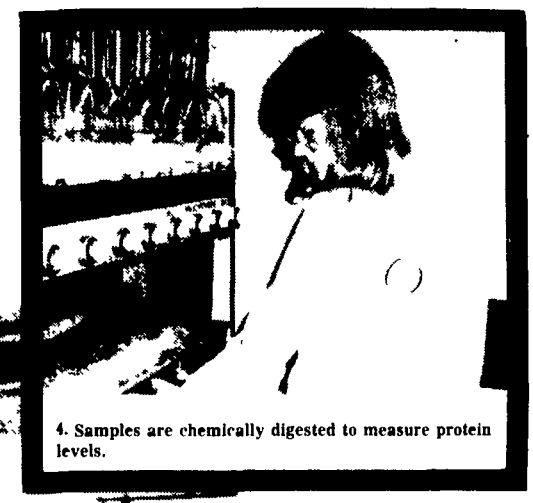
WORKING TOGETHER TO DEVELOP A BALANCED AND PROFITABLE DAIRY PROGRAM

In our Technical Services Laboratory, located in Lancaster, we perform more than 2,000 forage analyses a year for farms like yours, in Pennsylvania, Maryland and Delaware. This service enables you to learn the exact nutrient values of your homegrown forages so that we can work with you to develope your best feeding program.

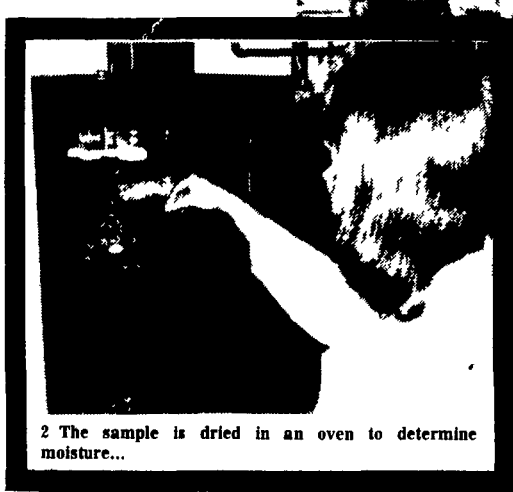
You know, not all testing is the same. The accuracy of your results depends on the thoroughness and professionalism of the people performing the analysis, and the precision of the testing equipment used.



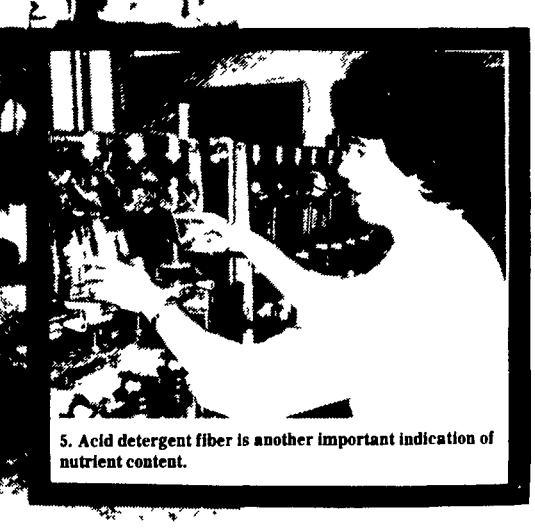
1 The analysis begins with a collection of a forage sample from your farm



4. Samples are chemically digested to measure protein levels.

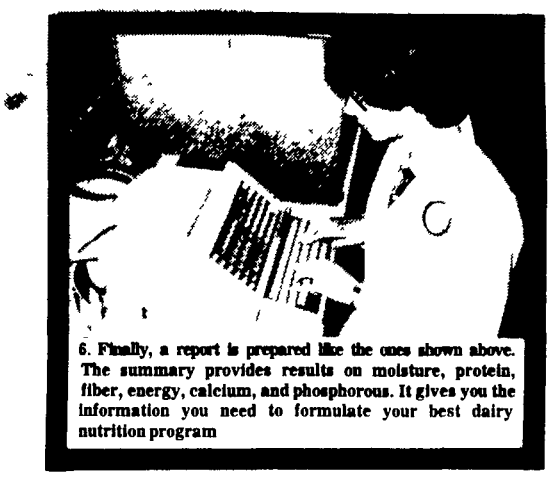


2 The sample is dried in an oven to determine moisture...



5. Acid detergent fiber is another important indication of nutrient content.

3 A sample is weighed seven times during the procedure to gather data.



6. Finally, a report is prepared like the ones shown above. The summary provides results on moisture, protein, fiber, energy, calcium, and phosphorous. It gives you the information you need to formulate your best dairy nutrition program

Maximum feed efficiency and improved nutrition are two reasons for choosing Pennfield Dairy Program. **Dairymen, you can count on Pennfield... for a better bottom line.**

PENNFIELD COMPLETE DAIRY FEEDS

#514 - Buffered 14% Dairy Pellets	#563/#516 - Buffered 14½% Fat Added Pellet Blend	#513 16% Dairy Pellets	#513/#506 - Buffered 16% Flake/Pellet Blend
$164.90 Net/Ton	**$173.67** Net/Ton	**$164.42** Net/Ton	**$175.45** Net/Ton

Includes 4 ton volu e discount and cash discount of 2½% due 15th following month.

* Prices effective July 9, 1984 and subject to change with grain markets.

For More Information — Call Toll Free

PA 1-800-732-0467 MD 1-800-233-0202

pennfield feeds

Quality - Performance - Service

HAY MARKETS

New Holland Hay
New Holland Sales Stables
Monday, July 2
Report supplied by auction

98 loads. Hay prices steady to strong. Straw steady to 10.00 per ton higher. Ear Corn steady to 5.00 higher.

Alfalfa, new 71.00-106.00, old cutting, 150.00, 155.00; Mixed, mostly 85.00-100.00, a few up to 125.00, some off-color, 70.00-80.00.

Timothy, 80.00-107.00; Medium Grass, 60.00-66.00; Straw, 91.00-115.00; Ear Corn, 131.00-142.00, 2 lds. with mold, 103.00, 129.00; Oats, 2.50, 3.20 bu.

Good's Hay
Leola, Pa.
Wednesday, July 4
Report supplied by auction

41 loads.

Mixed Hay, 90.00-108.00; Straw, 85.00-116.00; Corn, 127.00-136.00; Timothy, 105.00-110.00; Oats, 2.65, 2.70 and 2.75 bu.

King's Auction
Kirkwood, Pa.
Tuesday, July 3
Report supplied by auction

9 loads.

Alfalfa and mix, 68.00-90.00; Timothy and mix, 78.00-88.00; Grass and mix, 66.00-69.00; Clover and mix, 83.00; Straw, 96.00.

Keister's Hay
Middleburg, Pa.
Tuesday, July 3
Report supplied by auction

28 loads.

Mixed Hay, 35.00-75.00; Straw, 55.00-70.00; Ear Corn, 95.00-135.00; Oats, 1.75-2.25 bu.

Regional Hay
Friday, June 29
Report supplied by PDA

(All hay No. 2 and better, prices paid by dealers at the farm, and per ton.)

New crop hay steady to strong with 2nd cutting starting to appear! Straw steady.

Alfalfa 70.00-80.00, few 90.00; Mixed hay 60.00-80.00; Timothy hay 60.00-75.00; Straw 60.00-75.00; Mulch 30.00-50.00.

Belleville Auction
Belleville, Pa.
Wednesday, June 27

12 loads hay and 2 loads straw.

Mixed hay 62.50-88.50 one 50.00; Straw too 67.50 & 80.00.

Green Dragon Hay
Ephrata, Pa.
Friday, June 29
Report supplied by PDA

54 loads & hay & 6 loads straw.

Alfalfa few 71.00-96.00, 2 loads 128.00 & 129.00; Mixed hay 70.00-104.00, 2 loads 124.00 & 154.00, few down 50.00. Timothy hay 71.00-108.00, individual 123.00; Clover one load 77.00; Orchard Grass 2 loads 77.00 & 101.00; Straw few 72.00-102.00; Ear Corn 13 loads 128.00-141.00; Shelled Corn 16 loads 4.30 per bushel.

Good's Auction
Leola, Pa.
Wednesday, June 27, 1984

38 loads hay and 19 loads straw.

Alfalfa 80-103.00 one 65.00; Mixed hay 75.00-112.00 one 135.00; Timothy hay few 100.00-120.00; Clover one 64.00; Straw 81.00-96.00 two 101.00 & 111.00, few done 75.00; Ear Corn 9 loads 123.00-141.00.

Pa. Grain
Monday, July 2
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central, PA. Corn steady to strong; Wheat steady to 8 cents lower; Barley uneven, weather conditions hindering harvest in most areas; Oats steady to 4 cents lower; Ear Corn steady to $2 higher.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.96-4.20, average 4.07, New Crop 3.02-3.20; Wheat No. 2 range 3.50-3.77, average 3.06, New Crop 3.44-3.72; Barley No. 3 range 2.30-2.55, average 2.43; Oats No. 2 range 2.25-2.70, average 2.51; Soybeans No. 1 range 7.44-7.60, average 7.52, New Crop 6.88-7.00; Ear Corn range 110.00-130.00; average 118.70.

Central Pa.

Corn No. 2-y range 3.85-4.20, average 3.97; Wheat No. 2 range 3.50-3.90, average 3.61; Barley No. 3 range 2.30-2.65, average 2.52; Oats No. 2 range 2.20-2.60, average 2.30; Soybeans No. 1 range 6.75-7.50, average 7.15; Ear Corn range 105.00-120.00; average 114.05.

South Central Pa.

Corn No. 2-y range 3.85-4.10, few reported 4.20, average 3.99; Wheat No. 2 range 3.25-3.80, average 3.51; Barley No. 3 range 2.35-2.65, average 2.52; Oats No. 2 range 2.30-2.70, average 2.49; Ear Corn range 120.00-126.00, few reported 130.00, average 123.63.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.85-4.20, average 4.02; Wheat No. 2 range 3.25-3.90, average 3.59; Barley No. 3 range 2.30-2.65, average 2.47; Oats No. 2 range 2.20-2.70, average 2.41; Ear Corn range 105.00-130.00, average 118.31.

Western Pa.

Corn No. 2-y range 3.50-4.10, average 3.90; Wheat No. 2 range 3.60-3.70, few reported down 3.15, average 3.61; Barley No. 3 few reported 2.50, average few reported 2.50; Oats No. 2 range 2.20-2.50, average 2.34; Ear Corn range 90.00-110.00, average 100.00.

New Wilmington Auction
New Wilmington, Pa.
Monday, July 2
Report supplied by PDA

CATTLE 242. Compared with last Monday's market, slaughter cows $1-$1.50 lower. Few Slaughter steers 62.00-63.00, few Good 55.00-60.50, Standard (few) 50.50-56.00, few Utility 45.00-48.00. Choice slaughter heifers 57.75-63.00, few Utility 40.00-45.00. Breaking Utility & Commercial slaughter cows 42.00-47.00, Cutter & Boning Utility 38.50-44.00, Canner & Low Cutter 32.00-39.00, Shells down to 22.50. Few Utility slaughter bullocks 43.00-47.00. Yield Grade No. 1 1140-1805 lbs. slaughter bulls 48.00-50.00, one at 59.00, one #2 1265 lbs. at 47.00. Few Medium Frame #1 500-700 lbs. feeder steers 44.50-51.00. Medium & Large Frame #1 500-730 lbs. feeder heifers 39.50-46.00, Medium & Large #2 340-650 lbs. 30.25-41.50. Medium Frame #1 450-760 lbs. feeder bulls 41.25-45.50.

CALVES 238. Vealers grading Good & Choice $10 higher. Few prime vealers 86.00-87.50, Choice 70.00-84.00, Good 55.00-70.00, Standard 40.00-51.00, Standard & Good 90-120 lbs. (certified) 55.00-63.00, 65-85 lbs. 45.00-54.00, Utility 50-95 lbs. 25.00-45.00. Non-certified 50-130 lbs. 15.00-35.00.

FARM CALVES active: Holstein Bulls 95-135 lbs. 75.00-99.00; Hol. Heifers 100-130 lbs. 80.00-89.00.

HOGS 577. Barrows and gilts $3.50-$4 higher. US No. 1-2 210-250 lbs. barrows and gilts 54.85-56.10, No. 1-3 2-265 lbs. 53.50-54.75, few No. 2-3 2-295 lbs. 52.50-53.10, No. 1-3 175-195 lbs. 48.25-53.00. Sows $3 higher. US No. 1-3 3-755 lbs. sows 38.00-45.50. Boars 28.25-32.50.

FEEDER PIGS 127. US N. 1-3 2-35 lbs. feeder pigs 12.00-26.00 per head, No. 1-3 35-50 lbs. 26.00-36.00, No. 1-3 50-70 lbs. 36.00-45.00 per head.

SHEEP 300. High Choice & Prime 60-100 lbs. spring slaughter lambs 55.00-67.00, few 70.00-75.00, Choice 65-90 lbs. 40.00-55.00, Good & Choice 40-60 lbs. feeder lambs 30.00-40.00. Slaughter ewes 5.00-12.00.

NEED MORE ROOM? Read The Classified Real Estate Ads

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE

For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP,
GOATS

WEDNESDAY

12:00 NOON

DAIRY COWS

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna

The Action Auction
717-354-4341

Mgr. - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538

Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY
FEEDER PIG SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours.
State graded until 12 Noon

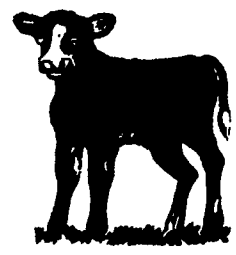
THURSDAY

11:00 AM

BULLS -

STEERS -
BEEF COWS

3:30 P.M.

CALVES 

SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Wednesday markets not covered by USDA & PDA due to holiday

Oklahoma Cattle

Tuesday, July 3

Estimated Receipts: 1,700
Same Day Last Week: 17,482

Feeder steers steady to firm. Steer demand good. Feeder heifers, No. 1 muscled steady, lower grade 1.00 off. Heifer demand fair. Bulk supply medium frame 1 and mixed 1-2 400-750 lb. steers and heifers; cows near 10%. Actual auction sales 1669 head. Next auction Thursday July 5. Enjoy your 4th.

FEEDER STEERS: Medium few large frame 1 235 lb. bulls 76.25; 495 lb. bulls 63.00; 575-600 lb. 64.00-66.60; 600-800 lb. 61.20-63.00; 800-900 lb. 59.20-60.20; Medium and large frame mixed 1-2 170 lb. 85.50; 375-500 lb. 64.00-68.25; 500-600 lb. 59.50-64.00; 600-800 lb. 59.00-62.00, part load 600 lb. 63.90; 885 lb. 57.60; Medium frame 2 few 550-675 lb. 57.00-59.00.

FEEDER HEIFERS: Medium few large frame 1 495 lb. 55.80; 400-500 lb. very fleshy; 51.50-53.50; 550-725 lb. 56.00-58.30, instances 53.50-54.70; Medium and large frame mixed 1-2 170 lb. 71.00; 165 lb. 60.50; 350-725 lb. 49.50-54.00, lot thin 420 lb. 55.00, lot thin 400 lb. 55.90; Medium and large frame 2 450-700 lb. bulk 47.50-50.00.

Omaha Weekly

Thursday, July 5

WEEKLY CATTLE 51. Fed cattle prices ranged 1.00-2.00 higher this holiday shortened week, marking the highest levels since early May. Upturns in dressed beef values along with an urgent need by packers to fill near term slaughter requirements provided the impetus for the advance. Well finished offerings, with weight, still commanded the best interest Although all kinds shared in the upturn. Overall finish again proved mediocre. Cows .50-1.00 higher. Bulls steady.

Estimated 4 day receipts (holiday-week) 5,700: Actuals last week 9,253 and last year 12,394. Steers comprised 46 pct of the week's receipts: Heifers 37 pct; cows 13 pct; feeders 3 pct.

STEERS: At the close, load reputation fed choice 2-4 near 1250 lbs. 68.50. Scattered loads and part loads choice 2-4 1050-1300 lbs. 66.00-68.00. Mixed good and choice 2-3 1000-1150 lbs. 64.00-66.50. Few good 61.50-63.50. Mixed good and choice 2-3 1150-1350 lb. holsteins 55.00-58.00.

HEIFERS: Load choice 2-3 near 1025 lbs. 66.00. Scattered loads and part loads choice 2-4 950-1075 lbs. 64.00-65.50. Mixed good and choice 2-3 900-1050 lbs. 62.00-64.00. Good 59.50-62.00.

Average of LS-214 detailed quotations for 900-1100 lb. choice steers 65.50, 1100-1300 lbs. 67.03. Average cost steers 64.51, average weight 1131 lbs.; as compared 64.04 and 1150 lbs. a week ago. Average cost heifers 63.48, average weight 999 lbs.; as compared 62.69 and 988 lbs. a week ago.

COWS: Breaking Utility and commercial 2-3 42.00-44.00. Cutter and boning utility 1-2 39.00-43.25, high dressing to 44.00. Canner and low cutter 36.00-39.00.

BULLS: 1-2 45.50-52.75, mostly 48.00-50.00.

Peoria Cattle

Thursday, July 5

Slaughter steers and heifers were fully 1.00 to 2.00 higher on Monday and were not tested the balance of the week. Trading was fairly active on steers and moderate on heifers. Demand continued best for over 1100 lbs. Steers and on over 925 lbs. Heifers, although an expanded outlet existed for lighter weights compared with a week ago. Cows and bulls mostly 1.00 lower for the week. Receipts this week about 1500 as compared to 1638 a week ago and 1534 a year ago.

SLAUGHTER STEERS: Choice 2-4, mostly 3 1050-1175 lbs. 64.00-66.50, load 1090 lbs. 67.00. Mixed good and choice 2-3 975-1150 lbs. 62.00-63.50 Good 2-3 950-1200 lbs. 58.00-63.00. Few part loads good, few choice 2 1075-1350 lbs. Holsteins 50.00-54.00.

SLAUGHTER HEIFERS: Choice 2-4 900-1050 lbs. 62.50-65.00, load 3 975 lbs. 65.25, mostly 63.00-64.50, few 4 900-1050 lbs. 59.00-61.00. Mixed good and choice 2-3 875-975 lbs. 60.00-62.00; 825-875 lbs. 59.00-60.00. Good 800-975 lbs. 55.00-60.50.

COWS: Breaking utility and commercial 2-3 41.00-43.00. Cutter and boning utility 1-2 37.00-41.50. Canner and low cutter 34.00-37.00.

BULLS: YG 1-2 1100-1800 lbs. 46.00-52.00, mostly 48.00-50.00.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, July 2
Report supplied by auction

Holstein Hfr. Calves to 66.00; Veal Calves 60.00-76.50; Vealer Bull Calves to 87.00; Slaughter Calves 40.00-55.00; Grassers & Feeders 34.00-48.50; Lambs 40.00-52.00; Sheep 12.00-25.50; Hogs, 200 to 250 45.00-53.50; Sows 34.00-39.00; Boars 28.00-35.50; Pigs each 12.00-34.00; Heifers 40.00-45.50; Steers no top steers; Steers, feeder 42.00-54.00; Bulls 42.00-53.00; Cows, utility 41.00-45.00; Cows, fat 39.00-43.50; Cows, medium 37.00-40.00; Cows, poor or small 22.00-35.00; Cattle Market steady; Calf Market steady; Horses small 210.00; Ponies 65.00; Goats each to 35.00.

Joliet Cattle

Thursday, July 5

CATTLE: Receipts this week about 1,450, a week ago 2,008, and a year ago 2,210. Trading moderate. Choice and better steers steady to .50 higher, demand light on good and prices steady to weak.

SLAUGHTER HEIFERS: .50-1.00 higher.

SLAUGHTER STEERS: Choice, few prime 3-4 1200-1350 lbs. 66.50-67.00, one load 67.50. Choice 2-4 1050-1300 lbs. 65.00-66.50; 2-3 1000-1050 lbs. 64.00-65.00. Mixed good and choice 2-3 1000-1200 lbs. 62.50-64.00. Few good 2 900-1100 lbs. 57.00-60.00. Mostly choice 2-3 1300-1600 lbs. holsteins 54.50-56.75.

SLAUGHTER HEIFERS: Choice 2-4 900-1100 lbs. 63.00-65.00. Mixed good and choice 2-3 850-1000 lbs. 60.00-63.00. Good 2 750-950 lbs. 55.00-59.00.

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Livestock market and auction news

THE OLD FARMER'S ALMANAC

JULY 9-15, 1984

The clouds will give way to a warm, sunny day.

Cut back petunias for second blooming . Wiley Post began first round-the-world solo flight in the *Winnie Mae*, July 15, 1933 Full moon July 12 (Thurs) Average length of days for the week, 15 hours, 3 minutes . Riots in New York City protesting Civil War draft killed 1,000, July 13-15, 1863 Author Loren Eiseley died July 9, 1977 Women first competed in Olympic Games July 13, 1908 Lightning caused widespread blackout in New York City July 13, 1977 . *A bad oyster, like a bad marriage, is not known until too late*

Ask the Old Farmer: Where did the expression "green thumb" come from? F K , Kansas City, Mo

We believe it originated during the reign of the first Edward of Saxon England King Edward was very fond of green peas and kept half a dozen serfs shelling them during the season The one who had the greenest thumb won a prize of some kind In time it became an expression denoting skill in growing

Home Hint A few long slow waterings are better for a lawn than are frequent short sprinklings

OLD FARMER'S WEATHER FORECAST

New England: Start of week partly cloudy with warm temperatures, midweek rain with cooler temperatures, end of week sunny and warm

Greater New York-New Jersey: Beginning of week rain and warm temperatures, mid through end of week partly cloudy, possible rain

Middle Atlantic Coastal: Week begins with thundershowers and mild temperatures, midweek sunny and warm, week ends with thundershowers and cool temperatures

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St. Louis Cattle

Thursday, July 5

Receipts This Week	1,700
Week Ago	3,500
Year Ago	1,600

As compared to last week's close, choice slaughter steers over 1000 lbs. and heifers over 900 lbs. 1.50-2.00 higher; lighter weights and other grades of both classes steady. Cows firm to mostly 1.00 higher. Bulls firm to 1.00 higher. Supply mainly choice and mixed good and choice slaughter steers and heifers, around 10% cows.

SLAUGHTER STEERS: Mostly choice, few prime 2-4 1100-1250 lbs. 66.00. Choice 2-4 1000-1200 lbs. 64.00-65.50; 850-1000 lbs. 60.00-63.00. Mixed good and choice 2-3 900-1175 lbs. 60.00-62.50. Good 2-3 900-1100 lbs. 58.00-60.00. Mostly good 2-3 1100-1200 lb. holsteins 53.00-55.00. Couple lots high-yielding 57.00-58.00.

SLAUGHTER HEIFERS: One lot mostly choice, few prime 2-4 1100 lbs. 64.00. Choice 2-4 900-1100 lbs. 62.00-63.50; 800-900 lbs. 58.00-60.00. Mixed good and choice 2-3 800-900 lbs. 58.00-60.00. Good 2-3 750-900 lbs. 55.00-58.00.

COWS: (Closing Week Sales) Breaking utility and commercial 2-4 39.00-41.00. Cutter and boning utility 1-2 39.00-41.00. High-yielding boning utility 1-2 41.00, few up to 42.00. Canner and low cutter 1-2 35.00-39.00. Shelly canner 1-2 32.00-35.00.

BULLS: YG 1-2 1000-1500 lbs. 47.00-52.00. Individual YG 1 1450 lbs. 54.00.

Weekly sheep auction held Tuesday, July 3. Receipts 50 head. Not enough of any one class to test market trends.

FEEDERS: (Including around 300 head at the regular Thursday auction) Not enough of any one class to test the market. Trading slow on very light receipts.

FEEDER STEERS: Medium and large frame 1: Few 300-400 lbs. 63.50-65.00; Few 500-700 lbs. 60.00-63.00.

Large Frame 2 Holsteins: One lot 635 lbs. 47.00.

FEEDER BULLS: Medium and large frame 1: Few 400-700 lbs. 50.00-58.00.

FEEDER HEIFERS: Medium and large frame 1: Few 400-850 lbs. 52.00-56.00.

East Coast Carlot

Thursday, July 5
Report supplied by USDA

Compared to Tuesday's close: Prime Special Fed Veal 10.00 lower in limited test and comparison. Good and Choice Boning Veal generally steady. Spring Lamb fully steady. Boneless Beef and Trimmings trading moderately. No sales reported last week for price comparison.

VEAL CARCASS
Prime (Special Fed)
Hide On 130 Head

220-280 lbs. LTD 148.00-150.00, 10.00 lower.

Good & Choice
Boning Type
Hide On

Northeastern Suppliers: 65-75 lbs. LTD 88.00, generally steady; 55-64 lbs. LTD 86.00; 45-54 lbs. LTD 84.00; 35-44 lbs. LTD 82.00; 34 lbs. down LTD 80.00.

Inshipped: 71-80 lbs. 89.00, generally steady; 61-70 lbs. 87.00; 51-60 lbs. 85.00; 41-50 lbs. 83.00; 30-40 lbs. 81.00.

Spring Lamb Carcass
Choice & Prime 3-4
38 Loads

55 lbs. down 135.00, all steady; 55-65 lbs. 135.00; 65-75 lbs. 135.00.

Boneless Beef
(US and Canadian Origin)
10 Loads

90% Chem Lean, Fresh 108.00-108.00, no recent comparison.

85% Chem Lean, Fresh 98.00-101.50, no recent comparison.

75% Chem Lean, Fresh 86.00, no recent comparison.

Beef Trimmings
3 Loads

65% Chem Lean, Fresh 76.00, no recent comparison.

50% Chem Lean, Fresh 60.00, no recent comparison.

Compared to last week· Prime Special Fed Veal firm early in the week; late sales 10.00 lower. Good and Choice Boning Veal steady to 3.00 lower; inshipped 3.00 to 5.00 lower. Spring Lamb 5.00 higher. Boneless Beef and Trimmings traded moderately, no sales reported last week for comparison.

Central U.S. Carlot

Pork Report
Thursday July 5
Report supplied by USDA

Compared to Tuesday's 4:00 report: Fresh Pork Loins 14-17 lbs. $5.00 to $7.00 higher, 17-22 lbs. $2.50-5.00 higher. Retail Trim 14-17 lbs. $3.00-5.00 higher. Picnics weak and Boston Butts firm in light comparison. Skinned Hams $.50-1.00 higher. Sdls Bellies steady to firm. Trade slow to moderate. Demand moderate to Good for light to moderate offerings.

Sales reported on 27 loads Fresh Pork Cuts and 8 load trimmings and Boneless Processing Pork.

Fresh Pork Cuts

LOINS (Regular): 14-17 lbs. 110.00-112.00, load 115.00, 5.00-7.00 higher; 17-22 lbs. 105.00-109.00, 2.50-5.00 higher; 22&up lbs. 87.00, no comparison.

LOINS (Retail Trim): 14-17 lbs. 121.00, load 125.00, 3.00-5.00 higher.

PICNICS: 4-8 lbs. 47.00, weak.

SPARERIBS: 3.5&down lbs. 133.00, fresh, no comparison; 3.5-5.5 lbs. 86.00 frozen, no comparison.

HAMS (Skinned): 14-17 lbs. 75.75, no comparison; 17-20 lbs. 72.00-73.00, PL 75, .50-1.00 higher; 20-26 lbs. 74.00-75.00, no comparison.

BELLIES (Sdls - Skin On): 2 mixed weight loads; 16-18 lbs. 55.00-58.00, steady to firm; 18-20 lbs. 52.00-55.00, steady to firm; 20-25 lbs. 47.00, firm.

Pork Trimmings
Boneless Processing Pork
(Chemical Lean)

42% Lean Trimmings Fresh 46.00.

72% Lean Trimmings Fresh 77.00.

72% Boneless Picnics Fresh 75.00.

72% Boneless Picnics Frozen 74.00, firm.

Blade Meat 90.00.

Compared to late last week: Fresh Pork Loins 14-17 lbs. $8.00 higher, 17-22 lbs. $4.00-7.00 higher, 22/up lbs. steady. Retail Trim 14-17 lbs. midweek comparison $8.00-11.00 higher. Picnics weak and Boston Butts firm in light comparison. Skinned Hams uneven 14-17 lbs. firm, 17-20 lbs. $2.00 lower, 20-26 lbs. steady. Sdls Bellies not tested late.

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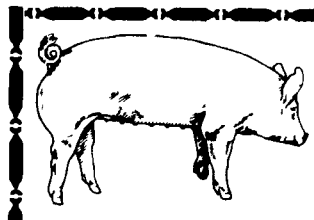

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August 3, and August 31

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NEXT SALE DATE AUGUST 31

VIRGINIA MARKETS

Livestock market and auction news

Virginia Auction Summary

June 28-July 4
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 2,625.

TREND: Steady to $2.00 higher.

South and Southwestern, Va. Auction Summary
Smithfield, Southside (Blackstone), Tri-State Narrows Lynchburg, Hollins, Witheville
June 28-July 4

STEERS: 300-500 lbs. Medium 1 57.50-65.00; Large 1 59.00-67.00; Small 1 49.75-60.00. 500-700 lbs. Medium 1 54.75-63.00; Large 1 57.00-64.00; Small 1 52.00-59.00. 700-1000 lbs. Medium 1 52.00-54.50; Large 1 60.25.

HEIFERS: 300-500 lbs. Medium 1 42.00-51.50; Large 1 45.00-52.50; Small 1 38.00-47.50. 500-700 lbs. Medium 1 45.00-51.00; Large 1 47.00-52.25; Small 1 44.50-48.00; 700-900 lbs. Medium 1 44.00.

Northern Va. Auction Summary
June 28-July 4

STEERS: 300-500 lbs. Medium 1 50.00-60.00; Large 1 52.00-57.00; Small 1 45.00-56.75. 500-700 lbs. Medium 1 50.00-60.00; Large 1 50.00-60.00; Small 1 46.00-56.00. 700-1000 lbs. Medium 1 47.00-47.50; Large 1 48.00-51.00; Small 1 46.00-49.00.

HEIFERS: 300-500 lbs. Medium 1 41.00-52.50; Large 1 44.00-52.50; Small 1 37.00-46.00. 500-700 lbs. Medium 1 41.00-52.50; Large 1 44.00-50.50; Small 1 40.00-46.00. 700-900 lbs. Medium 1 43.50-50.50.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, June 30
Report supplied by auction

FEEDER CATTLE: Trend- All classes steady. Steers: M&L-1 300-500 lbs. 50.00-58.00; 500-700 lbs. 48.00-60.00; 700-1000 lbs. 47.00-51.00; Holstein 300-1000 38.00-45.00. S-1&M&L-2 300-500 lbs. 45.00-52.00; 500-700 lbs. 46.00-53.00; 700-1000 lbs. 42.00-49.00.

FEEDER BULLS: M&L-1 300-500 lbs. 45.00-52.00; 500-700 lbs. 42.00-48.50.

HEIFERS: M&L-1 300-500 lbs. 41.00-51.00; 500-700 lbs. 41.00-50.00; 700-800 lbs. 44.00-52.00. S-1&M&L-2 300-500 37.50-43.00.

STOCK COWS: Beef 310.00-515.00; Dairy 550.00; Baby Calves 30.00-79.00, mostly 40.00-65.00.

SLAUGHTER COWS: Utility & Commercial 2-4 36.00-44.50; Canner & Cutters 1-3 29.00-38.00.

LAMBS: Trend- 1.00 higher. High Choice & Prime 56.00; Choice 52.00; Feeder Lambs Choice 44.00-45.50; Slaughter Ewes 10.50-13.25.

HOGS: US 1-3 200-240 lbs. 53 50; Sows 1-3 38.00-48.00; Boars 33.75.

VEAL: Choice & Prime 54.00-58.50; Good 50.00-54.00.

SLAUGHTER CALVES: Good & Choice 49.00-55.00.

Indiana Livestock Auction

Home City, Pa.
Thursday, July 5
Report supplied by PDA

CATTLE: 124. Compared with last Thursday's market: Sl. cows highly uneven. Sl. steers: Choice 62.25-65.00; (few) Good 57.25-60.00. Sl. heifers: Standard at [illegible] (few) Utility 44.00-46.75. Sl. cows: Breaking Utility & Commercial 41.50-45.00; Cutter & Boning Utility 39.50-43.75; Canner & L. Cutter 34.50-40.00. Sl. bulls: (few) Yield Grade No. 1 13.85-16.50 lbs. 48.50-52.00.

FEEDER CATTLE: Steers, (few) Medium & Large Frame No. 1 535-725 lbs. 48.50-54.00. Heifers, (few) Medium Frame No. 1 300-460 lbs. 45.00-48.25. Bulls, (few) Medium Frame No. 1, 520-670 lbs. 45.00-49.00.

CALVES: 169. (few) Prime 74.50-77.00; Choice 65.50-75.00; Good 58.50-66.00; Standard & Good 90-135 lbs. 54.50-61.00; 70-90 lbs. 50.00-56.00.

FARM CALVES: Hol. Bulls 90-135 lbs. 70.00-103.00.

HOGS: 234. Barrows and gilts mostly .75 higher. US No. 1-2 215-245 lbs. 53.75-54.75, one small lot at 55.00; lbs. 52.75-54.00; No. 2-3 200-295 lbs. 48.00-52.50; No. 1-3 185-195 lbs. 52.25-53.00, lot 140 lbs.; Sows US No. 1-3 270-645 lbs. 38.25-44.00.

FEEDER PIGS 39. US No. 1-3 25-40 lbs. 16.00-29.00 per head.

SHEEP: 17. Spring/Wooled sl. lambs one lot high Choice & Prime 100 lbs. 65.00-75.00. Sl. ewes: 15.00-16.00.

GOATS: 14. 3.00-31.00 per head.

Carlisle Livestock Auction

Carlisle, Pa.
Tuesday, July 3
Report supplied by auction

CATTLE: Steers: Mostly Holsteins offered; Medium to Good 42.00-54.00. Heifers: Good 53.00-57.50; Medium 52.00 down. Cows: High Yield 42.25-45.75; Average 37.00-42.50; Big Middle to 38.00; Shelly 37.00 down. Fat Bulls: Couple 42.50-50.00.

FEEDER CATTLE: Light calves by the head to 145.00, active bidding. Steers: (300-550 lbs.) Good to Choice 52.00-60.00; Medium 44.00-51.00 (600-850 lbs.) Good 50.00-54.00; Medium 46.00-49.00. Heifers (all weights): Choice 51.00-57.00; Medium 40.00-45.00. Bulls (all weights) Good 51.50-56.00; Medium 43.00-49.00.

VEAL CALVES: Choice 75.00-90.00; Good 60.00-75.00; Medium 50.00-60.00; Light/weak 50.00-down. Farm Bulls- 90.00-100.00. Farm Heifers- 80.00-90.00.

HOGS: Barrows & Gilts very active, 1.25 higher; 210-250 lbs. 54.35-56.00; over 260 lbs. 49.85-53.10; under 210 lbs. 47.50-52.50.

SOWS: 2.00 higher for heavier sows; 2.00 to 3.00 lower for light sows; over 450 lbs. 38.00-43.85 under 450 lbs. 39.00-41.00. Boars: heavy 37.50; light 42.25-46.75.

FEEDER PIGS (20-25 lbs. 19.00-22.00 head) (30-40 lbs. 20.00-26.00 head). Shoats: to 47.00 lb.

SHEEP: Lambs- Choice 56.00-57.50; Good 50.00-55.00; Medium 46.00-49.00.

EWES: 14.00-25.00 lb.

GOATS: (Lg) to 52.50 head; Small/Medium 16.00-35.00 head.

Sale every Tues. 7:00 PM Livestock 5:15 for Rabbits & Eggs

Central U.S. Carlot

Beef Report
Thursday, July 5
Report supplied by USDA

Sales reported on 23 loads of Steer Carcasses and 35 loads of Heifer Carcasses. Compared to Tuesday's 4:00 report:

Choice Steer and Heifer Carcasses $1.00 higher, Good Steer and Heifer steady. Trade active; demand good, offerings light.

Choice 3 Steer Carcasses 600-900 lbs. 103.00. Good 2-3 600-900 lbs. 92.00.

Choice 3 Heifer Carcasses 550-700 lbs. **101.00**, 500-550 lbs. 97.00, 400-500 lbs. 95.00. Yield Grade 4 500-700 lbs. 92.00. Good 2-3 550-700 lbs. 90.00.

Cow Carcasses - not established.

New Holland Horse

New Holland Sales Stables
Monday, July 2
Report supplied by auction

Reported receipts of 255 head of horses, mules, and ponies. Market: lower.

LOCAL

Driving horses 250.00-1125.00, few registered horses 675.00-975.00.

Riding horses 175.00-375.00.

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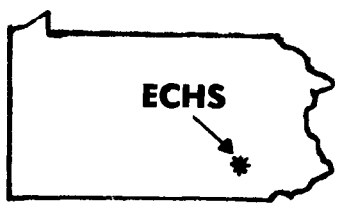

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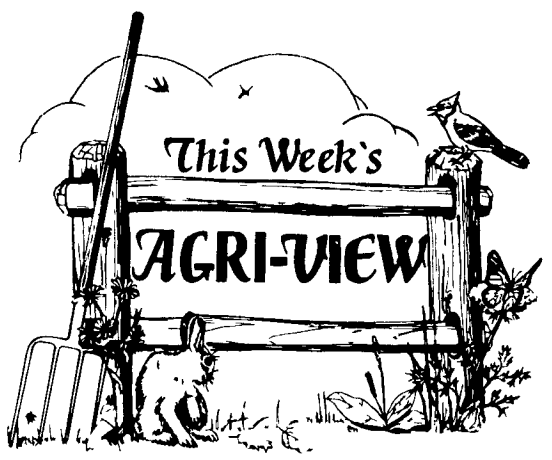


Was it worth it?

BY DICK ANGLESTEIN

Some 209 years and 100 days ago, a bunch of farmers unofficially founded this nation.

They laid down their hoes and pitchforks, picked up their muskets and faced the most professional and highly trained army in the world near Concord, Mass.

What prompted these normally peaceful farmers to leave their fields and risk being permanently planted in those fields? In one word -- **INDEPENDENCE**.

I wonder what those farmers who prized their independence above personal safety and well-being would say today about the dependent state of some phases of agriculture.

I wonder if some of them might say: "Was it all worth it?"

In the spirit of these fiercely independent New England farmers who "gave them ball for ball, from behind each fence and barn-yard wall," I think it is long past the time that farming -- the last true bastion of independence in this dependent, big-brother society -- begins a soul-searching reassessment of itself and gets back to some of the old-fashioned principles and ideals that motivated some of their forebearers to risk everything.

Enough is enough concerning government subsidization and bailouts -- not only in ag but in everything. How far must quasi-governmental welfare programs be extended to shore up ag or any kind of business that doesn't hold up its own end of responsibility.

It is not only government subsidization but it is good farmers helping to keep the bad in business. Everyone of us knows a farmer or two who hasn't accepted his or her share of the responsibility to change with the times and help their own continued existence. The good got to get the bad off their backs or both will end up going under.

Every farmer has the right to succeed if success is deserved. But at the same time each of us has the same right to fail if failure is all that we earn. It's when the danger of failure is removed or watered down that everything gets out of kilter. The danger of failure is what motivates us all the harder to succeed. If that danger doesn't exist, then the prime motivation doesn't exist either.

Farmers have this strange contrasting quirk in their makeup. Most are among the first to adopt new mechanical technology, but some also are among the last to adapt to change in methods or thinking.

Farmers got to move more into the forefront of grabbing the bull by the horns and helping to solve some of their own problems. In addition to economics, here are a few areas of need:

EROSION -- A better job got to be done or some laws are going to come along with real teeth in them to "encourage" reluctant farmers to comply.

ENVIRONMENT -- How much manure and chemicals can the soil take? It makes no sense at all to have two sets of rules about things like depositing human or animal wastes into the soil. Septic tanks are not permitted when human population densities reach a certain level. Should the land continue to be used as an "ag septic tank" in some areas for mountains of wastes from heavy densities of animals?

WATER -- The future of Northeastern agriculture lies in water. No section of this country is blessed with a better network of streams and rivers. Ag must make certain that it gets its share of that water and at the same time must do more to make certain that water is pure and useable.

COOPERATION -- Let's quit this needless bickering in ag. Let's get together and start solving some of our problems as a cohesive, united farming force. If we don't, others are going to force solutions upon ag. And, the price to be paid if that happens will be a lot higher than if the ag community assumes a greater role in make the decisions and deciding its own future.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Control Erosion

We have been blessed with timely rains this spring and early summer but, some of these rains have been very heavy and created considerable run-off. It emphasizes the need for terraces, contours and strips to control these large amounts of water.

The use of diversion ditches and sodded waterways above the area to be protected should be considered.

When surface water is not controlled around the premises we also have the added danger of surface water entering our well water supplies; this may contaminate it and make it unfit for human consumption. We need to be concerned with controlling these large amounts of water on the land and around farm buildings.

Another important item — if flooding occurs, use your camera to take pictures of the damage so you can identify the extent of the damage if a claim is submitted.

To Be Aware Of Feeding New Grain

The barley harvest is nearly completed and some farmers may be considering using this new grain in their feeding program. The feeding of new grains to livestock is possible, under very careful management. If fed in too large amounts, digestive disorders such as bloating and scouring may occur. We suggest that the grain be allowed to go through a two week curing period before being fed. Then it should be included into the grain ration at a slow rate — 10 to 20%.

Barley is a popular livestock feed and is a good substitute for corn. In a week or two wheat will be ready and may also be fed with care. Again, it should be allowed

(Turn to Page A12)

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

POWER FAILURE!

July 8, 1984

Background Scripture:
1 Kings 11:26 through 14:31.
Devotional Reading:
1 Kings 12:1-11.

Prince Rehoboam stood to inherit the fabulous power of his father, King Solomon. Under Solomon's reign the nation had grown rich and powerful. In his day, no monarch was likely so powerful as Solomon. What a legacy to pass on to his son, Rehoboam!

Rehoboam was not unaware of this tremendous power that had fallen to him. When, upon the death of Solomon, a great assembly is called, he comes to the leaders of Israel, not with conciliation, but with a crude display of arrogance. To their plea for him to lighten the load that Solomon had fixed upon them, Rehoboam replied with words almost unbelievably arrogant!..."whereas my father laid on you a heavy yoke, I will add to your yoke." Just to make sure they got the drift, he goes on to say, "My father chastised you with whips, but I will chastise you with scorpions" (12:11)!

TO YOUR TENTS!

Obviously Rehoboam and his young advisors believed he had the power to carry out his threats. His father Solomon, had taught him well the use of political and military power. He was quite certain that, if he talked tough, the tribal representatives would be too cowed to resist him.

What a surprise it must have been, then, when ten of the tribes defied him and his threats: "What portion have we in David? We have no inheritance in the son of Jesse. To your tents, O Israel! Look now to your own house, David" (12:16b)! Having suffered under David's powerful son, Solomon, the people of the ten northern tribes had no intentions of suffering under his grandchild, Rehoboam. "So Israel departed to their tents."

Still Rehoboam, blinded by the arrogance of power, failed to grasp what had happened. Incredibly, he selected Adoram, the hated taskmaster over the slave labor forces, to represent him to the rebel tribes. Once again he was blinded by his own arrogance, but this time he could hardly fail to understand what the northern tribes did to Adoram: "all Israel stoned him to death with stones." Still trusting in what he believed to be the power of his inheritance, Rehoboam collected an army of 180,000 hand-picked troops to bring the ten tribes into line.

SO THEY HEARKENED

But Rehoboam had failed to reckon with a power greater than his own. Raising up a prophet, Shemaiah, God sent him to the troops with orders not to fight against the people of Israel who were their kinsman. And the writer of 1 Kings tells us: "So they hearkened to the word of the Lord, and went home again, according to the word of the Lord" (12:24). The division between Israel and Judah was now final and complete.

Rehoboam had trusted in the wrong kind of power. It was the kind of power that ultimately would have to fail.

Farm Calendar

Saturday, July 7
Pa. Charolais Association Field Day, Bratton Charolais Farm, McVeytown, 9 a.m. - Jr. Heifer and steer show.
York County Conservation Society membership picnic, 11 a.m. - 6 p.m., Indian Steps Museum, Airville.

Sunday, July 8
Pa. Association of Farmer Cooperatives Summer Institute, Huntingdon, continues through Wednesday.

Monday, July 9
Sire Power Twilight meeting, Dinald Michelitsch farm, Port Alleghany.
Bradford 4-H Camp.

Tuesday, July 10
Bradford County New England dairy tour, continues through Friday.
USDA crop yield report due.
Semi-Annual meeting, Milk Marketing, Inc., Fawcett Center, Ohio State University.

Wednesday, July 11
Pa. Ayrshire Breeders Firecracker Sale, Carlisle Fairgrounds.
Pa. Rural Electric Association Summer Meeting, Sheraton Inn, West Middlesex.

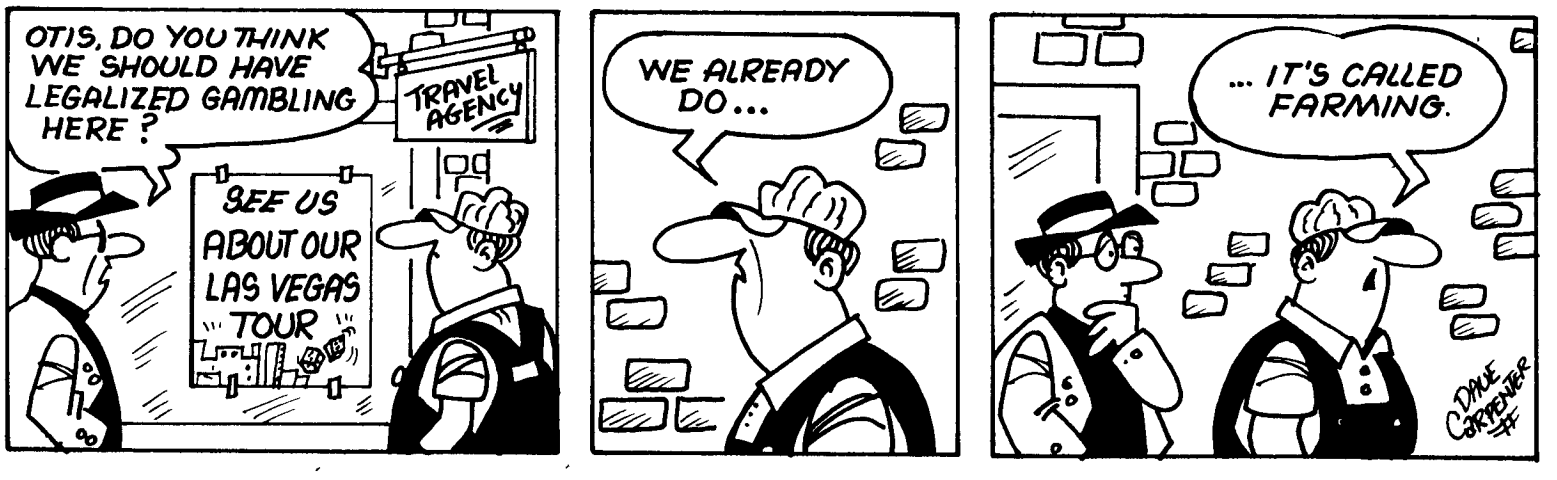
Thursday, July 12
Annual Meeting, Pa. Game Breeders Association, Nittany Lion Inn, State College.

Friday, July 13
Keystone Ram & Ewe Sale, Carlisle Fairgrounds, continues tomorrow.
Lycoming County Fair, continues through next Saturday.

Saturday, July 14
Pa. Angus Breeders Show, Centre Hall.
Pa. State Beekeepers Association summer picnic, Indian Trail Park.
Dairy Goat field day, 1-4 p.m., Fischer's Windy Hill Goat Dairy, Manheim.

OUR READERS WRITE,
AND OTHER OPINIONS

Otis


OTIS, DO YOU THINK WE SHOULD HAVE LEGALIZED GAMBLING HERE?
TRAVEL AGENCY
SEE US ABOUT OUR LAS VEGAS TOUR
WE ALREADY DO...
... IT'S CALLED FARMING.
DAVE CARPENTER

PFA clarification

Dear Editor,

Agriculture got a good boost in the passage and signing of the 1984-85 fiscal budget, including $2.65 million toward payment to dairymen because of dealer defaults and the lack of funds in the Milk Security Fund to cover these claims.

These funds along with the monies in the Milk Security Fund will give dairymen the opportunity to recover much of their claims made against the fund. This is especially good news for Scheps Cheese shippers, who suffered the

(Turn to Page A12)

A common sense approach to conservation tillage.

Conservation tillage isn't just a specific type of tillage practice. It's an attitude toward crop and soil management. That's why—whatever kind of conservation tillage you practice—there's a place in your program for the moldboard plow. At least every few years, with a tillage rotation system.

You see, the moldboard plow still does things for your soil that other tillage methods can't.

Inverting the soil disperses soil microbes deeper, improving nitrogen availability to the crop. For many tough perennial weeds, the moldboard plow is still the best control method. And with modifications to past plowing practices, such as removal of covering boards, erosion control can still be accomplished.

Where and when you moldboard plow depends on your soil, crops and other factors. But whatever your situation, an International® moldboard plow can help you do a better job.

Take our 735 Vari-Width plow. It's built tough, with a strong tubular backbone and long-lasting Earth Metal™ plowbottoms. With a full 34″ vertical clearance, trash flow is exceptional. Plus you can hydraulically adjust both width and draft on-the-go, to plow from 14- to 22-inch furrows and leave as much residue on top as you want.

Your IH Dealer has an entire line of dependable, versatile moldboard plows that can make a lot of sense in a lot of conservation tillage programs. See if one doesn't make a lot of sense in yours.

INTERNATIONAL HARVESTER

Now is the Time

(Continued from Page A10)

several weeks to cure before feeding. Wheat is not used as much for feeding purposes because of the digestive problems. Smaller amounts in the ration, compared to barley, are suggested. Barley and wheat can be used as livestock feeds, but need special care when mixing in livestock rations.

To Control Canada Thistle

Canada thistles are listed as a noxious weed in Pennsylvania; this means they should be controlled and not allowed to go to seed. Too often we see what some people call "summer snowflakes" floating through the air; these are not snowflakes but thistle seeds. We should insist that these be mowed or sprayed to prevent seed formation.

Most townships have noxious weed ordinances to prevent the spread, from farm to farm, of Canada thistles and other noxious weeds. These ordinances should be enforced for the best interest of all farmers. You can spot spray with Banvel for control. Be sure to follow all label instructions. We urge everyone to do something about this problem.

To Use Caution When Shipping Hogs

Far too many hogs are fed to market weight each year only to be lost because of careless hauling during hot weather.

There are ways to prevent these losses. Whenever it's possible, haul these hogs to market early or late in the day — when it's the coolest. Avoid mid-day or early afternoon trips. That's when temperatures are the worst.

While the hogs are being loaded onto the trucks, take things easy. Don't hurry them. If you do they'll just become overheated. And, to make sure they can be comfortable in the truck, use wet sand for bedding. Don't use straw or other materials that hold heat and fail to help cool the animals.

Once the animals are loaded, start right then for the market — and go directly to the market without stopping.

Take these few precautions and you'll market all your hogs instead of just some of them.

The Penn State Extension Service is an affirmative action equal opportunity institution.

OUR READERS WRITE

(Continued from Page A10)

most recent financial loss due to a dealer bankruptcy.

Leadership demonstrated by key legislators, State Representatives Carmel Sirianni and Roger A. Madigan, and State Senator Frank S. O'Connell, got the appropriation included in the budget legislation. They deserve our highest praise and a hearty thank you. The same holds true for Governor Dick Thornburgh for signing the legislation.

PFA has been falsely criticized lately from different persons in the farm community about our stand on the Scheps Cheese plant relicensing and reopening.

PFA opposed the relicensing of Scheps Cheese plant because it placed the same management in control who failed to pay $4 to $5 million to dairymen in the Northeast. That's similar to putting the "fox back into the chicken pen" with our blessing, had we supported that relicensing proposal.

There aren't any guarantees that farmers would not suffer another financial disaster under the proposed reorganization plan. That's why we opposed it.

There were guarantees in that plan for management to receive an annual fee of $150,000 plus five percent of any profits. On the other hand dairymen would receive a meager $50 a month on the millions of dollars owed them. That's not enough money to even pay the interest on the monies owed farmers.

We will support any reorganization plan that assures farmers a fair chance at receiving monies owed them, and offers some secure method for farmers to be paid for future shipments to Scheps Cheese Plant. If these safeguards are overlooked as they were in the proposed reorganization plan, we will oppose it again.

PFA has been working quietly behind the scenes to bring about workable solutions to the problems facing the dairy industry. Instead of seeking disastrous headlines for agriculture, we chose to work diligently for lasting results. It's not fun to be misrepresented in the news media and to have your integrity questioned, but the actions taken by the Pennsylvania Milk Marketing Board and the General Assembly have proven to be the correct route to follow.

Yes, the immediate problem was to give some financial relief to the Scheps Cheese Plant shippers. That will be done with the passage of the Pennsylvania State Budget.

Another apparent problem was the re-opening of the Scheps Cheese Plant. We will support any restart of the plant, if our dairymen are asssured of payment for their milk. We are working toward that goal.

Re-opening of the plant depends on relicensing and the Pennsylvania Milk Marketing Board recently turned a relicensing request down because Scheps Cheese failed to meet the requirements of the Pennsylvania Milk Marketing Law.

One of the over-riding problems of the dairy industry is the inability of the Pennsylvania Milk Security Fund to raise enough monies to pay claims filed against it. We have corrected that situation with the passage of legislation to reform the Milk Security Fund. That legislation awaits Governor Dick Thornburgh's signature.

Agricultural organizations can not afford to act like spoiled children, hurling charges and counter-charges against each other in the news media. It's degrading and doesn't serve any good other than to those persons wishing to oppose agriculture's best interests.

I trust this letter clarifies the stand of the Pennsylvania Farmer's Association's position on the Scheps Cheese situation.

Sincerely,
Keith W. Eckel,
President

Fourth of July

(Continued from Page A1)

but with little leisure. Instead of maneuvering a speed boat across a sea of blue, it was jockeying a combine or hay baler through a sea of green or gold.

For the majority, it was likely a family cookout with plenty of time to chat or lounge.

For the minority, it might have included the hurried grab of an overdone hot dog or hamburger off a cold grill on the way from the field to the barn.

For the majority, it was the gathering of the clan for a day together.

For the minority, it was a solitary observance; each farm family has its own daily responsibilities that limit get-togethers.

For the majority, eyes may have been glued to a TV screen watching a favorite sporting event.

For the minority, it was staring at digital dashboard readouts on the combine monitor or the RPM's on the tractor tach.

For the majority, there may even have been some fireworks displays

For the minority, the only fireworks were the kind that happen if the combine or baler breaks down halfway through a holiday harvest.

For the majority, it was a midweek break -- a respite from the daily routine.

For the minority, it was another day of trying to crowd two days of work into one now that the "bunch-up season" has arrived when small grains conflict with haying, livestock conflict with vegetables and spraying conflicts with harvesting.

For the majority, it was the Fourth of July

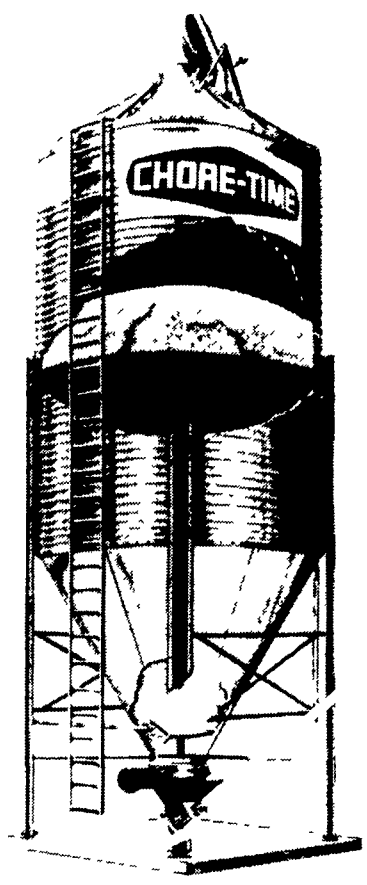
For the minority, it was just another July 4.

Like we said, there's quite a difference between the two.

CHORE-TIME

CHORE-TIME

hopper-bottom bins for feed storage



These Features Help Make Chore-Time Bins A 'Best Buy'

- **BIN LID** has 24-inch diameter, is formed from one piece of steel for maximum rigidity and warp-resistance — to keep it weatherproof. Big 22½-inch opening means less feed waste.
- **BIN LEGS** are formed from heavy, all galvanized steel to make a girder-like structure with 6 separate bends or

"breaks". Formed leg gives superior fit, finish, and durability over that provided by other types.
- **ALL BIN SEAMS** are double caulked with non-hardening sealer for maximum weather protection.
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SIZES AVAILABLE FROM 2.9 TON to 52 TON - 6' 7' & 9' DIAMETER

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Wednesday markets no covered by USDA & PDA due to holiday

Central U.S. Carlot

Beef Report
Thursday, July 5
Report supplied by USDA

Compared to Tuesday's 4:00 report: Choice Steer and Heifer Carcasses $1.00 higher. Good steady. Trade fairly active. Demand good, offerings light.

The Gross Boxed Beef Carcass cutout value advanced $.49 to an estimated $105.65 per cwt, 60 loads Boxed Cuts reported.

Sales reported on 72½ loads of Steer and Heifer Carcasses.

Steer Beef
30½ loads
FOB Omaha Basis

Choice 3 600-900 lbs. 103.00, 1.00 higher; 600-700 lbs. 102.50.

Choice 2 600-700 lbs. 103.50.

Good 2-3 600-900 lbs. 92.00, steady.

FOB Amarillo Basis

Good 2-3 600-900 lbs. 92.00, no comparison.

Heifer Beef
42 loads
FOB Omaha Basis

Choice 3 550-700 lbs. 101.00, 1.00 higher; 500-550 lbs. 97.00, 1.00 higher; 400-500 lbs. 95.00, 1.00 higher.

Choice 4 500-700 lbs. 92.00, 1.00 higher.

Good 2-3 550-700 lbs. 90.00, steady; Good 2-3 400-550 lbs. 82.00-83.00, no comparison.

FOB Amarillo Basis

Good 2-3 550-700 lbs. 90.00, no comparison.

Cow Carcasses
4 loads

Breaking and Boning Utility $1.00 higher, Amarillo basis on small test. Trade slow. Offerings light.

FOB Amarillo Basis

Bkrg Utlty 2-3 450/up lbs. 73.00 (West), 1.00 higher.

BNG Utlty 1-3 400/up lbs. 75.00 (West), 1.00 higher.

Primal Beef Cuts
3 Load
FOB Omaha Basis

Choice 3: Hinds (S) 145-190 lbs. 130.00; Fores 130-210 lbs. 79.00.

Good and Choice 2-3: Short Plates 61.00.

Boneless Processing Beef
Beef Trimmings
33 Loads
FOB Omaha Basis

50% Chem Lean Fresh 54.00-55.00.

FOB Amarillo Basis

90% Chem Lean Fresh 103.00-104.00.

90% Chem Lean Frozen 104.00.

85% Chem Lean Fresh 95.00.

50% Chem Lean Fresh 55.00.

For the week: Choice Steer and Heifer Carcasses $3.00 higher. Good $1.00 higher. Boxed Beef Carcass Cutout value advanced $3.49 per cwt. Cow Carcasses $1.00-2.00 higher.

Weekly Summary

Friday, July 6
Report Supplied by PDA

Markets: 14, of which only 11 were reported due 0 to the July 4th holiday.

CATTLE: 5804. Compared with 8372 head last week, and 5710 head a year ago. Compared with last week's market: Slaughter steers steady to 2.00 higher; Sl. heifers steady to 1.00 higher; Sl. cows mostly .50-1.00 higher; Sl. bulls steady to 2.00 lower. Sl. steers: High Choice & Prime No. 3-4, 66.00-68.85, some late week 69.60; Choice NO. 2-4, 62.00-67.50; Good 55.00-62.00; Standard 50.00-55.00. Sl. heifers: Choice 58.00-65.00; Good 52.00-59.00; Standard 46.00-53.50. Sl. cows: Breaking Utility & Commercial 42.50-46.00; Cutters 38.50-44.50; Canner & L. Cutter 34.50-40.00; Shells down to 24.00. Sl. bullocks: Good 52.25-55.50. Sl. bulls: Yield Grade No. 1, 1000-2150 lbs. 48.00-52.75; Yield Grade No. 2, 900-1450 lbs. 44.00-50.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 350-775 lbs. 45.00-56.00. Heifers, Medium Frame No. 1, 300-600 lbs. 42.00-48.25, No. 2, 350-650 lbs. 37.00-44.00. Bulls, Medium Frame No. 1, 400-750 lbs. 45.00-49.00.

CALVES: 3904. Compared with 4436 head last week and 3352 head a year ago. Vealers Good & Choice grades strong to 10.00 higher, Standard & Good 3.00 higher. (few) Prime 85.00-102.00; Choice 70.00-85.00; Good 58.00-70.00; 90-120 lbs. 50.00-61.00; 65-90 lbs. 45.00-55.00; Utility 50-100 lbs. 25.00-45.00.

FARM CALVES: Hol. Bulls 90-130 lbs. 49.00-106.00, mostly 70.00-92.00; Hol. Heifers 85-140 lbs. 50.00-89.00.

HOGS: 6406. Compared with 7504 head last week and 2185 head a year ago. Barrows and gilts mostly 1.00-1.50 higher. US No. 1-2 200-245 lbs. 54.00-57.50 No. 1-3 200-250 lbs. 53.00-56.00; No. 2-3 200-285 lbs. 52.50-55.00; Sows steady to .50 higher. US No. 1-3 300-625 lbs. 38.00-45.50; No. 2-3 300-650 lbs. 35.00-40.00. Boars 28.50-35.50.

FEEDER PIGS: 994. Compared with 1447 head last week and 958 a year ago. Feeder pigs uneven, mostly weak to 5.00 lower. US No. 1-3 20-35 lbs. 12.00-26.00 per head; No. 1-3 35-50 lbs. 26.00-36.00; No. 1-3 50-85 lbs. 35.00-45.00 per head.

ONE GRADED FEEDER PIG SALE: 837. Compared with 1703 head last week, and 2110 head a year ago. All sales by CWT. Feeder Pigs highly uneven, extremes 30.00 higher to 11.00 lower. US No. 1-2 30-40 lbs. 97.00-110.00, 40-50 lbs. 95.00-106.00, 50-60 lbs. 73.00-100.00, 60-70 lbs. 81.00-90.00, 80-90 lbs. 59.00-66.00; US No. 2-3 25-30 lbs. 92.00-98.00, 30-50 lbs. 75.00-85.00.

SHEEP: 1213. Compared with 1707 head last week and 252 head a year ago. Spring/sl. lambs uneven. High Choice & Prime 75-110 lbs. 58.00-67.00; Choice 65-105 lbs. 50.00-58.00; Good 60-100 lbs. 45.00-55.00. Sl. ewes 5.00-25.00.

Congratulations ARDROSSAN FARMS

Villanova, Pa.

for the 1983 national achievements of its Ayrshire herd:

Ardrossan S Bell Ring

CONSTRUCTIVE BREEDER AWARD

(Production and Type Averages For Cows Bred By Owner)

Years of C.B.A. Awards	% Bred	No. Cows in Avg.	Mature Equivalent 2X Average Milk	Average %	Average Fat	Converted M.E. 4% Milk
24	100	108	19,465	4.1	806	19,875

LEADING DHIR AVERAGE (RECORD COMPUTED TO AN M.E. 2X, 4% BASIS)

Cows	Actual Milk	Actual %	Actual Fat	Mature Equivalent Milk	Mature Equivalent Fat	M.E. 4% Milk
108	17,825	4.2	748	19,465	806	19,875

25,000 LB. RECORDS (ACTUAL MILK IN 305 DAYS 2X)

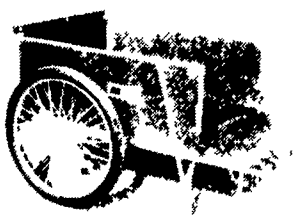
Ardrossan S. Bell Ring 802548	8-07	26,710	987
Ardrossan Classic Pearlina 836906	5-08	26,620	1105
Ardrossan Classic Betty 7988836	9-03	25,110	955
Ardrossan Sultan's Noting 812817	8-02	25,090	1001

Agway has been associated with Ardrossan for many years, as supplier of feeds, seeds, technical service, and other farm needs.

Working for people who work the land™

FARM ENTERPRISE SERVICE AGWAY®

GARDEN CARTS
With Dump Fronts



UNASSEMBLED... $10.00 LESS!
Than Sale Prices Shown

SALE PRICE

- Small Cart Regularly $159.00 ..... $129
- Large Cart Regularly $179.00 ..... $149

BOWMAN'S STOVE SHOP
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Rt. 322, 1 Mi. East of Ephrata
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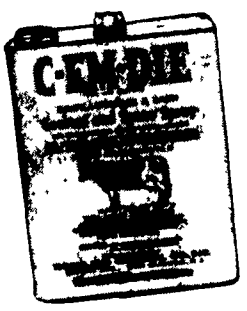

C-EM-DIE
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PAILS!

IMPROVED GOLDEN MALRIN
5 Lb.
$10.95
6 Cans or More
$10.50 ea.

HUBER'S ANIMAL HEALTH SUPPLIES
810 Tulpehocken Rd.
Myerstown, Pa.

717-866-2246
Mon., Thurs. & Fri.
7:30 AM to 8 PM
Tues. & Wed. 7:30 AM to 5 PM;
Sat. 7:30 to Noon

Philadelphia Wholesale Fruit and Vegetable Report

Philadelphia, Pa.
Monday, July 2
Report Supplied by USDA
FRUIT

APPLES: ABOUT STEADY. CONTROLLED ATMOSPHERE STORAGE ctn tray pack; WASH USESxFcy Red Delicious 64s few 19.50; 72s 17.50 few higher; 80s one lot 16.50; 88s 16.50-17.50 mostly 16.50; 100-113s 15.50-16.50; 125s one lot few 17.50 USFcy 88s 14.50; 100s 14.00-14.50 few higher; 113s 14.00-14.50; 125-138s one lot 14.50; REGULAR STORAGE ctn tray pack; NEW ZEALAND Granny Smith 100s 18.00; 113s 17.00.

CHERRIES: WASH 20-lb ctn Bing 12 row size & larger 17.50-19.00; NJ Tart 16-quart carton 12.00-16.00.

GRAPES: ABOUT STEADY. CALIF 22-lb lugs Flame Seedless 18.00-19.00 mostly 18.00; Thompson Seedless 19.00-20.00 mostly 20.00; Exotics one lot 27.00; Cardinals 15.00-16.00; ARIZ 22-lb lugs Perlette 14.00; MEXICO 22-lb lug Flame Seedless 18.00.

RASPBERRIES: CALIF 12-½ pt film overwrpd trays 24.00 fair cond low as 15.00; NJ 12-pt flats 24.00 fair cond low as 9.00.

STRAWBERRIES: LOWER. CALIF 12-pt flats med/med-lge 5.40-6.00 fair cond 3.00-4.60 preferred labels med-lge 10.80-12.00.

VEGETABLES

ASPARAGUS: NO SUPPLIES.

BEANS: SUPPLIES LIGHT. Various bu containers Round Green type unless otherwise stated; MD 20.00-23.00 fair qual 18.00; NJ 20.00 Fava few 5.00; DEL Fair qual 18.00

BEETS: NJ crts & ctns bchd 12s 5-5.50 few 6.00 few lower.

BROCCOLI: LOWER. CALIF ctn bchd 14s 9.00-10.00 few 11.00; 18s 10.50-12.00 previous commitments low as 9.00; NJ ctn bchd 14s 7.00; 12s 5.00-7.00.

CABBAGE: HIGHER. 1-¾ buctn & crt medium Green unless otherwise stated; NJ 3.50-4.50 mostly 4.00 one lot lge 4-4.50; Red 6.50-7.50 few 8.00; NC Savoy 5.00-6.00 Red 7.00 few lower.

CARROTS: LOWER. CALIF 48-1 lb. film bags in film sacks med-lge 9.00-10.50 one label 11.00; 24-2 lb. film bags in film sacks med-lge fair cond 8.00; 50-lb sacks loose jumbo 12.00-13.00 ctns bchd 24s 10.00-10.50 few 9.00.

CAULIFLOWER: CALIF ctn film wrpd 12s 14.00-14.50; 16s 13.00.

CELERY: LOWER. CALIF ctns & crts 1-½ doz 10.00-11.00; 2 doz 11.00-12.00 mostly 11.00 few higher & lower 2-½ doz 11.00-12.00 few higher & lower 3 doz 11.00-few higher 4 doz one lot few 13.00; Hearts 18s 10.00.; FLA crts 2-2-½ doz 10.50-11.00.

CHINESE CABBAGE: NJ celery crts 6.00; CALIF Nappa 1-¾ buctn 15.00; 2-½ bucrt 20.00.

CUCUMBERS: HIGHER. 1-1/9 bucrts & ctns waxed medium unless otherwise stated; NJ Pickles med 10.00-12.00 few higher fair cond 7.00; lge 6.00-8.00 few higher fair cond 3.00 ord qual 5.00-7.00 few higher & lower; NC 13.00-14.00 fair qual 7.00-9.00 few 10.00 few 6.00 sml 8.00-10.00; lge 6-6.50 bubkts unwaxed fair qual 6.00-7.00; MD unwaxed 8.00-9.00 fair qual 5.00; VA 8.00-10.00 fair qual 6.00-7.00; lge fair cond 3-3.50; FLA Long Seedless type film overwrapped 14s 7.50.

LETTUCE ICEBERG: SLIGHTLY HIGHER. Ctn 24s unless otherwise stated; CALIF 7.50-8.00 few 8.50 one label 8.75-9.00 fair cond 6.50-7.00 wrpd 9-9.50 few 10.00; 30s 6-6.50; NJ ord-fair cond 2.00-4.00; NY fair cond 3.00.

ROMAINE: ABOUT STEADY. NJ 1-1/9 bucrts 3.50-4.00 few 3.00; CALIF 24s crts 12.00-13.00 fair cond 8.00-9.00 crts 9.00-10.00; OHIO crt 24s 4.00-5.00 few 6.00.

BIG BOSTON: OHIO crt 24s 5.00-6.00; CALIF ctn 24s 8.00.

BIBB: OHIO 16-quart bkt 4.00-5.00.

LEAF: OHIO 24-quart bkt 5.00 ctns; 24s 6.00-7.00; CALIF ctn 24s 11.00 Red 10.00.

MUSHROOMS: STEADY. PA 4-qt. bkt med-lge 5-5.25 few 5.50 sml-med. 3.75-4.00 mostly 4.00; 10-lb ctn 9-9.25 few 9.50; flats 10-12 oz 9.25-10.00; 12-10 oz 9.25.

OKRA: FLA sml-med buhmprs few 22.00 ½ bucrts fair cond 5.00.

ONIONS: HIGHER. 50-lb sacks US#1 or generally good quality Yellow unless otherwise stated; TEX Grano jbo fair cond 6-6.50; Repacker size one lot 8.00; CALIF Grano jbo 7.50-8.50 mostly 8.,00; Repacker size 8-8.25; 20-2 lb mesh bags 9.25; 40-lb ctn Red jbo 9.00 med 8.00; ARIZ Grano Repacker size fair cond 5.00; NEW MEXICO Grano-Granex type jbo & Repacker size fair cond 6.00.

ONIONS-GREEN: STEADY. NJ crt bchd 36s 6-6.50 mostly 6.00 few higher few 5.50; CALIF ctn bchd 48s 7.00-8.00.

PARSLEY: LOWER. Bchd 5 dozen curly unless otherwise stated; NJ bubkts 9.00-10.00 mostly 10.00 few higher Plain 8.00 few higher & lower; CAIF ctn 12.00 few 13.00.

PEAS-GREEN: NO SUPPLIES.

PEAS-SOUTHERN: FLA buhmprs Purple Hull few 5.00.

PEAS-OTHER: Sugar per lb; CALIF ctns 2.20.

PEPPERS: HIGHER. Calif Wonder type Green 1-1/9 bucrts & ctns unless otherwise stated; FLA lge 9.00 fair cond 4.00-5.00 sml-med 5.00-6.00 fair cond 4.00; sml fair cond 2.50-3.00 Mixed Red lge one lot 6.00-7.00 fair cond 2.00-4.00; Red med-lge fair qual 12.00-15.00 ½ buctns Hungarian Wax 3.00 few 4.00 Jalapeno 7.00-8.00; GA lge 9.00-10.00 med-lge 7.50-8.00 med 7.00; sml 5.00; Mixed Red lge 4.00-5.00; NC lge 9.00-10.00 few 8.00 one lot 12.00; med 6.50-8.00 mostly 7.00 sml-med 5.00-6.00 mostly 5.00.

RADISHES: SLIGHTLY LOWER. Ctns Red 30-6 oz film bags unless otherwise stated; OHIO 3-3.50 few higher 14-1 lb 3.50; bchd 24s 5.00; 24-8 oz White 7.00; NY 3.00; MICH 2.00-3.00.

SPINACH. ABOUT STEADY. NJ Savoy type bubkt 7.00-8.00 few 9.00; PA Savoy type 1-¼ bucrts 8-8.50; OHIO Savoy type 1-1/9 bucrt 7./00-8.00; CALIF ctn flat type bchd 24s 10.50.

SQUASH: LOWER. ½ buctns unless otherwise stated; NJ Zucchini sml-med 2-2.50 mostly 2.00 occ 3.00 few 1.00-1.50 bucrts; med 3.00 Yellow Straightneck sml-med 2.00-3.00 mostly 2.00 few 3.50-4.00 few lower bucrts med 2.50-3.00; FLA 1-1/9 bucrts Acorn & Butternut 7.00.

TOMATOES: ABOUT STEADY. 25-lb ctn Pink to Lilght Red 85% or better U.S.#1 or generally good quality unless otherwise stated; SALES BY REPACKERS; SC 5x6s 10.00; 6x6s 8.00; SALES BY OTHERS; FLA 5x6s 9.00 few 10.00; 6x6s 7.00-8.00 fair qual; 5x6s 6-6.50; 6x6s 5-5.50; 6x7s 3.50-4.50 ord cond 2.50; SC 5x6s 8.00-9.00 mostly 9.00; 6x6s 7.00-8.00; 6x7s 6.50-7.00 mostly 7.00 fair qual; 5x6s 6.50-7.50 fair cond 5.00-6.00; 6x6s 5.00-6.00 fair cond 3.50-4.00; 6x7s 5-5.50 fair cond 3.00- 4.00; GA fair qual & cond 5x6s & 6x6s 4.50-5.00; 6x7s 3.00-4.00; ARK 20-lb ctn 5x6s 7.00; 6x6s 4.00-5.00; CALIF 5x6s 8.50; 6x7s 7.50; 2-layer ctn 5x6s 5.00; NJ lge 18.00 few 20.00; med 15.00 fair qual 10.00 sml 13.00; CHERRY TYPE 12-1 pt flats; SC 9-9.50; NJ 8.00; FLA fair cond 5.00; MEXICO 7.00 few 8.00 fair cond 5.00-7.00.

Good's Vegetable Auction

Tuesday, July 3

BROCCOLI - .55 head.
CABBAGE - 2.00-4.00 bu.
CARROTS - .25 bunch (six to a bunch).
CAULIFLOWER - .20-.85 head.
CHERRIES - Sour .40 lb.; Sweet .75-.90 lb.
CUCUMBERS - 4.00-9.00 bu.
PEAS - Hull peas .60-.80 lb.; Sugar peas 1.25-1.65 lb.; Sugar snap .90 lb.
RASPBERRY - 1.20-1.50 pint; up to 3.50 quart.
RED BEETS - .20-.35 bunch.
RHUBARB - .25-.30 bunch.
STRING BEANS - 25.00-29.00 bu.
WATERMELON - 2.00-2.50 piece.
ZUCCHINI - 2.00-6.00 half bu.

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, July 2, 1984
Report Supplied by PDA

CATTLE 318. Compared with last Monday's market, Slaughter cows $2 - 3 lower. Few Good Slaughter Steers 57-59.00, Standard 49-55.00, Utility 44-49.25. Few Good Slaughter heifers 52.50-55.00, Standard 49-53.00, Utility 44-49.25. Breaking Utility & Commercial slaughter cows 42-46.00, Cutter & Boning Utility 37-42.50, Canner & Low Cutter 31-37.50, Shells down to 24.00. Yield Grade No. 1 1-1700 lbs. slaughter bulls, 49.75-56.25, Yield Grade No. 2 9-1500 lbs. 43-49.00.

FEEDER CATTLE: Steers few Medium Frame #1 370-600 lbs. 50-56.00, Bulls for Medium Frame #1 4-600 lbs. 47-52.00.

CALVES 237. Vealers grading good & Choice Mostly steady, Standard & Good $5.00 higher. Choice Vealers 64-75.00, Good 60-65.00, Standard 50-57.00, Standard & Good 90-120 lbs. 54-59.00; 60-85 lbs. 50-55.00, few Utility 50-80 lbs. 30-43.00.

FARM CALVES. Holstein bulls 90-125 lbs. 80-104.00, few Holstein heifers 80-115 lbs. 60-75.00.

HOGS 111. Barrows & gilts $2.50-3 higher. US No. 1-2 220-260 lbs. barrows and gilts 53.40-55.25, No. 1-3 2-250 lbs. 52.25-53.50, few No. 1-3 185 lbs. at 43.50. US No. 1-3 3-500 lbs. sows 41-45.50, No. 2-3 350-600 lbs. 37-41.50. Boars 28.50-35.50.

FEEDER PIGS 8. One Lot US No. 1-3 64 lbs. feeder pigs at 37.00 per head.

SHEEP 182. Spring slaughter lambs $3-4 higher. High Choice & Prime 75-95 lbs. spring slaughter lambs 58-62 few to 66.00, Choice 65-80 lbs. 54-58.00, Good 60-80 lbs. 45-51.00. Slaughter Sheep 12-17.00. GOATS 24: 10-36.00 per head.

Central U.S. Carlot

Pork Report
Thursday July 5
Report supplied by USDA

Sales reported on 19 loads of Pork Cuts. Trade slow to moderate for light to moderate offerings. Demand moderate to good. Compared to Tuesday's 4:00 report:

Fresh Pork Loins 14-17 lbs. $5.00 higher at 110.00, Retail Trim 14 to 17 lbs. $3.00 to $5.00 higher at 121.00 and a load of 17-22 lbs. Regular Trim 105.00.

Fresh Hams $.50 to $1.00 higher with a load of 14-17 lbs. 75.75, 17-20 lbs. 72.00-73.00 and 20-26 lbs. 74.00-75.00.

Sdls Bellies steady to weak with 16-18 lbs. 55.00-58.00.

New Holland Dairy

New Holland Sales Stables
Wednesday, July 4
Report supplied by auction

Reported receipts of 58 cows, 21 heifers, and 0 bulls.

Market lower.

Load of PA Fresh cows, 440.00-640.00.

Load of Franklin Co. Fresh cows, 520.00-710.00.

Load of PA Fresh cows, 670.00-875.00.

Load of NY Fresh cows, 635.00-1260.00, springers 775.00-875.00.

Load of NY Fresh cows, 875.00-1350.00.

Locally consigned cows 410.00-910.00.

Springing heifers 550.00-790.00.

Open heifers 235.00-350.00.

4-H

EVERGREEN TRACTOR CO., INC.

TRACTORS:

JD 2630 Diesel Tractor, Hi-Lo 540-1000	$9,750
JD 2630, Dual Remote	$9,750
JD 2440, New Style	$12,250
IH 400 Diesel, PS, TA	$2,250
Farmall M w/PS and Live Hyd.	$1,500
(1) White 2-105 w/Roll Guard	$15,900
(1) IH 460 Gas N.F. TA, Power Steering	$2,350
(1) Farmall H	$950
IH 300 Row Crop WF T.A. fast hitch	$2,350
Ford 8000 Diesel	$6,950
IH 240 w/Fast Hitch and 2B Plow	$2,150

COMBINES & PICKERS:

(1) JD 6620LL Combine 800 hrs.	Price on Request
JD 3300 Dsl. w/cab, 343 C.H. & Rotary Screen	Price on Request
(1) IH 203 Combine, Gas w/10' Platform, P.U. Reel, 2 Row Cornhead, Cab	$3,950
(1) New Idea #325 Two Row Narrow Picker w/Sheller, Heavy PTO	$4,350
(1) JD 444 Corn head	$3,450
(1) JD 443 Corn head, new style	$6,750
NI 2 Row NR Pull Type	$2,450

HAY MACHINES:

NH 469 Haybine (Super Sharp)	$3,650
JD 480 Mower Conditions	$1,450
Case 550 Mower Conditioner	$1,450
JD 14T Baler	$750
JD 500 Round Baler	$4,850
(1) IH 46T w/Thrower	$1,050
NH 275 Baler w/Thrower, Hydraulic Aim	$2,950

TILLAGE:

(1) John Deere 12' RW	$875
(1) Athens 10' Disc, heavy duty	$1,650
Howard 108" 1000 PTO Rotovator	$3,450

HARVESTERS & FORAGE EQUIPMENT:

NH 1880 Self Propelled Harvester, 3 Row Pickup, Dsl. Hydro, 600 hrs.	$23,500
(1) John Deere 34 w/One Row Row Crop	$1,550
(1) Grove Forage Wagon w/Roof & Gear	$1,850
(1) John Deere Three Row Row Crop Attachment, New Belts	$3,850

GRAIN DRYERS:

(2) New Farm Fans AB8 Auto-Batch Dryers. MUST MOVE. CALL FOR PRICE..... (Dealer Inquiries Welcome)

(1) Used 350 BU. Myer Morton PTO Batch Dryer	$3,450

PLANTERS:

JD 7000 8 R 30" planter, liq P.O.P. monitor, no-till IH 400 4R Air Planter

JD 7000 6 row w/no-til HD Coulters	$8,750
JD 494A Planter	$850

MISCELLANEOUS:

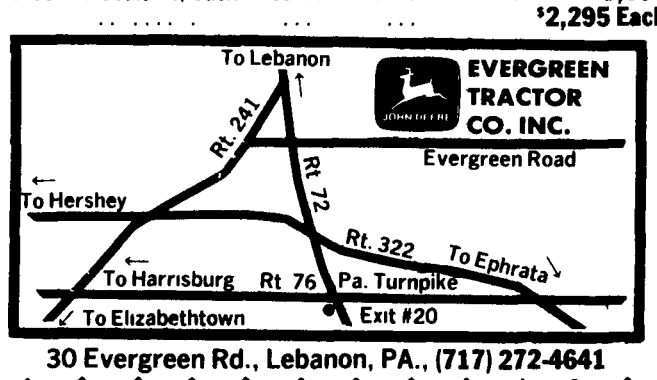
JD 6 Row 30" Rear Cultivator	$1,050
6 Row Hyd. Fold Cultivator	$1,500
IH 2001 Loader	$950
JD #39 3 pt. Mower	$1,050
14.9x26 T-rail duals	
20.8x34 direct axle, less rubber	
NH 679 tandem axle spreader, hyd. endgate	$4,500
Year round cab for JD 3020 or 4020	$1,050
JD 37 Hydraulic bucket ind. valve	$1,150
18.8x38 snap on duals	$650
18.4x34 snap on duals	$750
16.9x34 snap on duals	$450
JD 46A Hydraulic Loader hyd. bucket to fit 3010 thru 4020	$850

NEW SPECIALS

(1) JD 410 Round Baler (Demonstrater)	$7,400
Less JD Rebate $300	$7,100 Cash Price
(1) JD 1610 Pull Type 11' Chisel Plow, New Tires, Cash Price	$3,500
(2) JD 315 12' Disk ¼" Blades, Dual 11Lx15 Tires, Cash Price	$6,200 Each
(1) JD 7000 6 row 30" Planter, Monitor, Dry Fertilizer, Insecticide and Markers, Cash Price	$10,700
(1) JD 2700 5-18" Plow with Cover Boards and Coulters, Cash Price	$8,600
(2) JD 415 Rotary Hoe, Cash Price	$2,295 Each

COMING IN:

NH 472 Haybine, like new, cut 50' acres
JD 620 Tractor
White 2-60 4WD w/Loader
MF 135 Gas Tractor
(2) NI Tandem Axle Spreaders



30 Evergreen Rd., Lebanon, PA., (717) 272-4641

Livestock market and auction news

Morrison Cove Livestock

Martinsburg, Pa.
Monday, July 2, 1984
Report Supplied by Auction

CATTLE 302. High Choice & Prime slaughter steers 65-66.25, Choice 64-64.50, Good 59.25-63.75, Standard 52-58.50, Utility 47.25-51.25. Choice slaughter heifers 61-63.75, Good 56.25-60.75, Standard 51-54.75, Utility 46.75-50.75. Breaking Utility & Commercial slaughter cows 46.25-49.50, Commercial 42.75-45.75, Cutter & Boning Utility 40.50-42.00, Canner & Low Cutter 34.25-39.75, Shells down to 28.00. Choice slaughter bullocks 54-58.50, Good 49-52.75, Standard 45-48.25, Utility 39.75-44.25. Yield Grade No. 1 slaughter bulls, 54.50-58.50, Yield Grade No. 2 50.50-53.

FEEDER CATTLE: Steers Choice 4-650 lbs. 56-61.00, Good 4-650 lbs. 49-53.00, Medium 250-650 lbs. 43-46.00. Heifers good 3-600 lbs. 52-56.00. Medium 3-600 lbs. 44-51.00. Bulls good 4-750 lbs. 53-56.00, Medium 4-750 lbs. 42-51.50.

CALVES 419. Prime Vealers 79-87.00, Choice 71-74.00, Good 65-69.00, Standard & Good 110-130 lbs. 57-63.00, 90-110 lbs. 52-56.00, 70-90 lbs. 47-51.00, Utility 40-60 lbs. 40-46.00.

FARM CALVES: Holstein bulls 90-130 lbs. 65.50-98.00, Holstein heifers 90-130 lbs. 61-86.00.

HOGS 226. US. No. 1-2 210-245 lbs. barrows and gilts 57.25-57.75, No. 1-3 210-245 lbs. 56-57.10, No. 2-3 210-245 lbs. 54-55.75, No. 1-3 180-310 lbs. 52-53.75. SOWS. US No. 1-3 350-650 lbs. sows 45.25-47.25, No. 2-3 350-650 lbs. 41-45.00. Boars 33.25-35.25, Light weights 34.25-38.25.

FEEDER PIGS 69. US No. 1-3 25-30 lbs. feeder pigs 19-24.00 per head, No. 1-3 35-40 lbs. 25-29.00, No. 1-3 45.50 lbs. 36-39.00, per head.

SHEEP 21. Choice 90-110 lbs. 64.68.00, Good 90-100 lbs. 52-58.00. Slaughter ewes 8-18.00. GOATS 5: 8-32 per head.

Keister's Livestock

Middleburg, Pa.
Tuesday, July 3, 1984
Report Supplied by Auction

CATTLE 266. High Choice & Prime slaughter steers 66.00-67.60, Choice 65.00-66.75, Good 58.00-64.75, Standard 50.00-58, Utility 45.00-50.00. Individual Choice slaughter heifer at 60.00, Good 55.00-59, Standard 50.00-55, Utility 42.00-50. Breaking Utility & Commercial slaughter cows 42.00-45.75, few 47.75, Cutter & Boning Utility 40-44.75, Canner & Low Cutter 35.00-40, Shells down to 30.00. Individual Good slaughter bullock at 53.75. Yield Grade No. 1 1445-2085 lbs. slaughter bulls 51.00-52.75. Feeder steers 350-775 lbs. 45.00-62.50.

CALVES 166. Good & Choice vealers 60.00-81, Standard & Good 90-110 lbs. 55.00-65, 60-90 lbs. 45.00-55.00.

FARM CALVES: Holstein Bulls 90-125 lbs. 60.00-86.00.

HOGS 611. US No. 1-2 210-230 lbs. barrows and gilts 56.10-57.10, select 57.60, No. 1-3 190-250 lbs. 55.00-56.10, No. 2-3 190-270 lbs. 51.75-55.00. US No. 1-3 390-600 lbs. sows 40.00-44, few 48.00, No. 2-3 290-500 lbs. 35.00-40. Boars 38-39.25.

FEEDER PIGS 249. US No. 1-2 10-20 lbs. feeder pigs 20.00-28 per head, No. 1-3 20-40 lbs. 28.00-42.50 per head.

SHEEP 44. Choice 40-100 lbs. spring slaughter lambs 45.00-60.00. Slaughter ewes 12.00-25.00.

Leesport Livestock

Leesport, Pa.
Tuesday, July 3, 1984
Report Supplied by Auction

This Report was not covered by our reporter due to July 4th holiday: Although the headages were supplied by the auction.

CATTLE 200. Of Which 64 Were Feeders.

CALVES 102.

HOGS 161.

FEEDER PIGS 84.

SHEEP 18.

GOATS 8:

Farm Drainage doesn't cost... It pays!

It pays with
- Improved Land Use and Efficiency
- Better Soil Conservation
- Deeper Root Development
- Increased Crop Yield
- Longer Growing Seasons
- Improved Plant Quality
- Better Livestock Farming

Our Machines Are Equipped With Laser Beam Control

COCALICO EQUIP. CO.
FARM DRAINAGE & EXCAVATING
RD #3, DENVER, PA 17517 PH: 215-267-3808
717-738-3794

PENNSYLVANIA CHAPTER LICA

Small farm film available

ST. PETERSBURG, Fla. — "Enterprise Farming," a new 20-minute, color film from Ford Tractor and Implement Operations-North America, focuses on the resugence of small farms across America. It is available on a nationwide free-loan basis from Modern Talking Picture Service, Inc., the world's largest distributor of free-loan sponsored films and video programs.

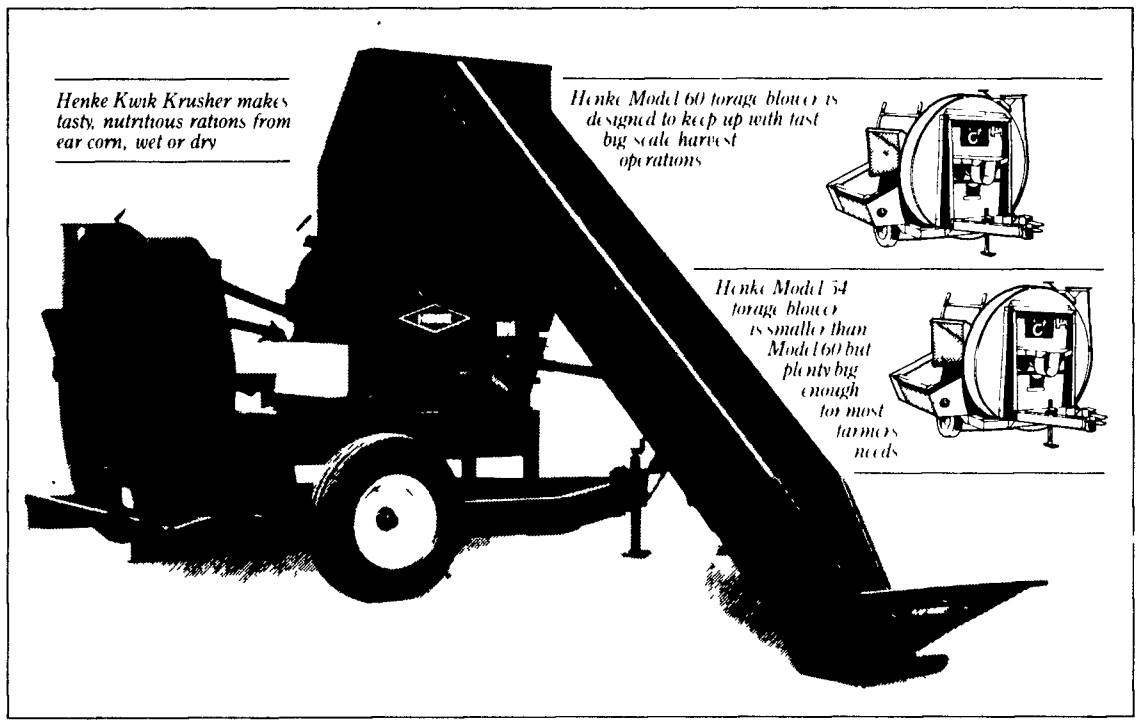
In documentary-style, "Enterprise Farming" features successful small farm operations across the country, including the following types: vegetable truck and roadstand farms, a cattle ranch, fruit orchard, sheep farm, and grape vineyard.

Interviews with owners reveal their secrets for success as they give encouragement and advice on starting a profitable small acreage farm. Included in this group of farm entrepreneurs are families who once had urban lifestyles.

Each profile reveals the impetus behind the small farm revival to stem from an attraction to the unchanged values of rural life: working close to the land, self-sufficiency, and quiet, remote living.

Bookings may be made by contacting The Film Scheduling Center, Modern Talking Picture Service, 5000 Park St. North, St. Petersburg, Florida, 33709. Reference #16588.

FEED THE WHOLE EAR WITH HENKE'S KWIK KRUSHER


Henke Kwik Krusher makes tasty, nutritious rations from ear corn, wet or dry
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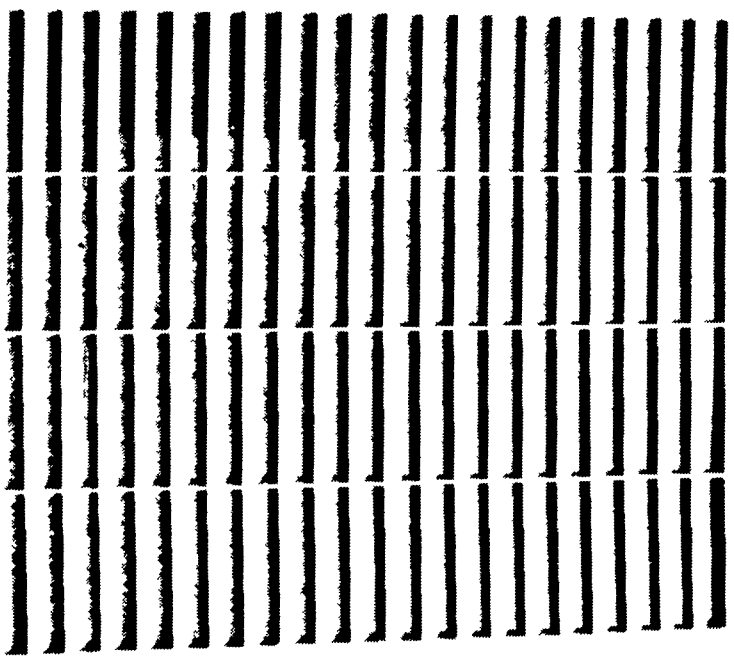

Cob catcher sieves are available to fit most combines.

PENDER, Neb. — Automatic's Cob Catcher Sieves are available to fit most popular combines according to Ryder Supply.

The Cob Catcher replaces the adjustable chaffer and adjustable sieve in the combine. It allows the cobs to drop through and go into the wagon with the grain. The corn and cob mixture is then processed through an Automatic Roller Mill directly into bunker, pit or upright silo.

The result is a more nutritional feed and greater yield from available acreage. For another use, cobs can be separated from grain and used in Bio-Mass converter to dry grain. Cob Catcher Sieves are in use throughout the corn belt with good results.

To find out the Cob Catcher adapts to your combine contact the manufacturer, Automatic Equipment Mfg. Co., Department NR, Pender, Nebraska 68047, 402-385-3054, or the distributor, Ryder Supply, Box 219, Chambersburg, Pennsylvania, 17201, 717-263-9111.

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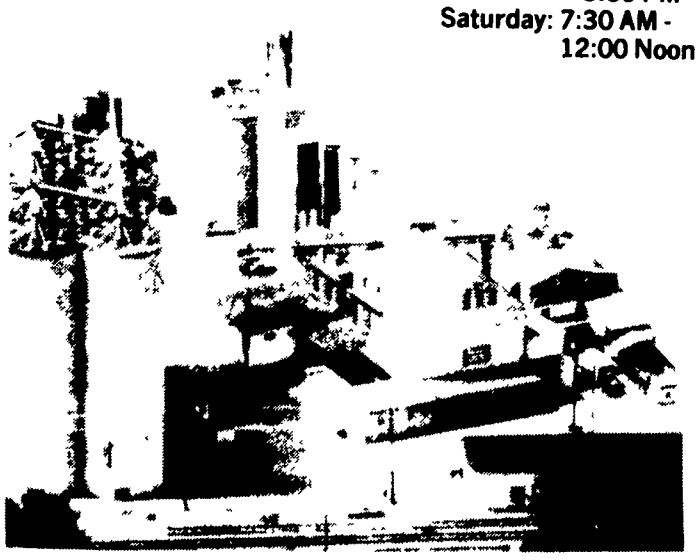

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Right to know

(Continued from Page A1)

nonmanufacturing sector."

Included in the nonmanufacturing sector are small business, such as farming, Lee said. Under the bill, these businesses would be required to label all chemicals in the workplace and provide a training program for employees about these substances.

In most cases, chemical containers are already labeled and provide information on the substances found within. However, if a container is not labeled correctly, the businessman or farmer must correct the labeling, Lee said.

Labeling of containers includes secondary containers, as well, he said. For example, if a farmer purchased a 50-gallon drum of fertilizer and placed the contents in a fertilizer spreader, the farmer would be required to label the spreader. The spreader, Lee explained, would be considered a secondary container.

Under H.B. 1236, farmers and businessmen would also be required to supply a list of all hazardous chemicals in their workplace if a community member would request this information, Lee said. The list of substances would then be recorded with the state Department of Health.

Approximately 2,500 "hazardous" substances have been listed by the Department of Health.

The "Right to Know" bill, Lee said, was drafted with worker safety in mind, but it must be reasonable for the employer also.

"We think Pennsylvania needs a right to know law," he said, "but it must be enforceable and reasonable and not in conflict with Federal OSHA standards."

A "Right to Know" bill is needed, agrees the manager of government relationships for the Pa. Farmer's Association (PFA); however, as drafted, H.B. 1236 would create additional paperwork for farmers and employers.

Farmers and employers should know what chemical substances they are working with and provide this information to employees, Al Myers agreed. But, he added, the bill goes beyond its beneficial nature.

"It is our belief that farmers would have a considerable amount of paperwork as the bill is written," Myers said.

Included in the paperwork, Myers explained, would be the filling out of a Material Safety Data Sheet (MSDS). Developed by OSHA, the MSDS form should be provided by the manufacturer, but if this is not the case, a farmer-employer would need to obtain this form from the Department of Health.

One MSDS, explained Steve Crawford, director of agriculture employer programs for PFA, is required for each container of substance. The MSDS should list the chemical name among other chemical information, Crawford explained.

This creates a problem for farmers, Myers said, who lack the expertise or research to provide such information. He noted that large manufacturing firms are able to hire experts to complete such a task.

"The 'Right to Know' is a step in a positive direction regarding chemicals people deal with," Myers said, adding that PFA is in the process of drafting amendments which would create a "more acceptable bill."

Penn State to offer milk marketing shortcourse

UNIVERSITY PARK — On September 17 and 18, a milk marketing shortcourse for county extension workers and state extension specialists will be offered at Penn State's University Park.

Dairy marketing extension specialists from Penn State, Cornell University and the University of Vermont as well as key industry personnel will present the program. The program will cover topics such as starting and maintaining county or regional milk marketing programs, the 1985 Farm Bill, the Pa. Milk Marketing Board, advertising and promotion, the price support program, pricing milk under federal market orders and many others.

Brooks End sale

BEAVERTOWN — Brooks End and Par Kay Farms held their annual summer sale June 29. The sale totaled $66,540 for an average of $297.00 for the 224 head.

The top-selling animal was Lot 122 RTB3 Champion Boy 180-10 selling for $1,000 to George Fraizer and Sons Fort Wayne, Ind. The Top-selling Yorkshire Bred Gilt was Lot 25 purchased by Joseph Zerby, Beavertown, for $535. The top-selling Landrace Boar was Lot 143 purchased by John Matthew Fallentimber, for $510. The top-selling Landrace Bred Gilt was Lot 71 purchased by John K. King, Paradise, for $400.

Averages include:

41 hd. of Yorkshire Bred Gilts, $361, 42 hd. of Yorkshire Boars, $463, 83 hd. of Yorkshires, $412.

35 hd. of Landrace Bred Gilts, $322, 6 hd. of Landrace Boars, $498, 41 hd. of Landrace, $348.

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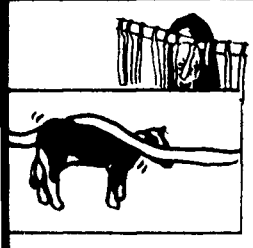

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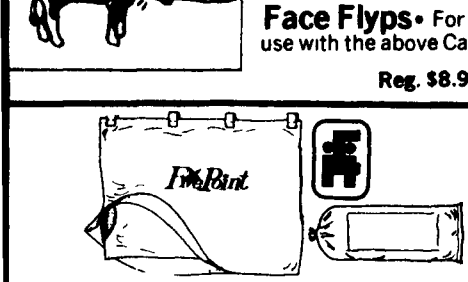

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Refill Dust 25 lb. Rabon	$11.89	$9.99

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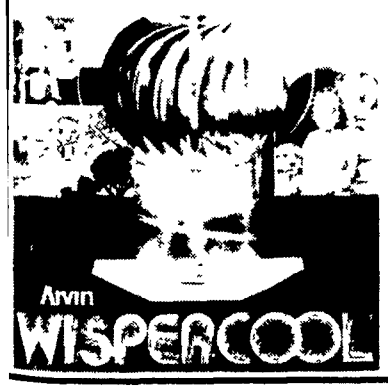

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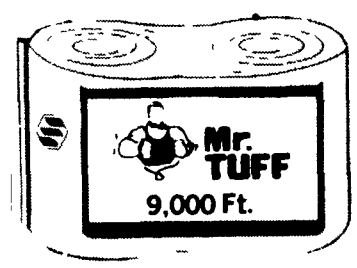

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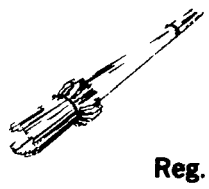

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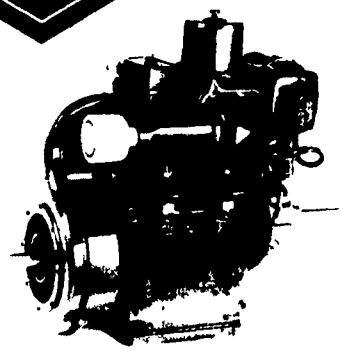

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DEALER INQUIRIES INVITED

'Dutch' agent DeLong retires in Mifflin

LEWISTOWN — Clair D. DeLong, county Extension director in Mifflin County, has retired after 37 years of service to Penn State. A native of Germania, DeLong is known for his detailed knowledge of Pennsylvania Dutch life and customs.

DeLong began his Extension career in 1947. He was assigned to Centre County, with the title of assistant county agent. His assignment as director of the Mifflin County Extension service occured in 1954. He was promoted to the rank of Senior Extension Agent in 1980. The Senior rank is the highest in the county Extension system, and its bestowal by the College of Agriculture is a recognition of talent and dedication in planning and carrying out educational programs for farm families and other clientele.

Many old-timers will remember DeLong's columns written for Pennsylvania Dutch readers of the Milheim Journal, Centre Democrat, and Farm Bureau Mirror. More recently, DeLong wrote a gardeners' column for the Lewistown Sentinel. The excellence of this writing was acknowledged when he was presented the Regional Award of the American Federation of Garden Clubs.

DeLong has been active in all phases of the Mifflin County Extension program, especially in dairy, agronomy, farm management, and poultry projects. Mifflin County has been a pioneer in developing a procedure for the profitable and safe disposal of whey, a by-product of cottage cheese manufacture. Discharge of whey into conventional waste–disposal and treatment systems usually will overload the system and can cause contamination of streams and other disposal areas.

Clair DeLong

In Mifflin County, the whey has been converted into cattle feed. Instead of being a contaminant, it is recycled through the cow. With this procedure, costs of feeding cattle are reduced and the environmental hazard is eliminated. Thirty-five Mifflin County dairy herds are presently involved; annual value of the whey product, in terms of conventional dairy feeds, is about $200,000.

Upon retirement, DeLong hopes to spend more time doing farm appraisals. He has already arranged for additional training in this activity. He also feels a deep personal commitment to the problems of the world's hungry, and will devote a major portion of his retirement hours to work with mission and other groups in the United Church of Christ. He has served on major policy groups in the Church including a 6-year term on the Board of World Ministries. He is treasurer of the Central Pennsylvania World Hunger Association (which involves a local effort of nearly $100,000 each year), and speaks before church congregations in many states.

DeLong holds two Penn State degrees, a BS in agricultural education and an MS in rural sociology. He interrupted his undergraduate work in order to earn his wings and fly as a navigator with the US Army Air Corps, participating in several missions over the European Theatre.

DeLong has been active in the national and Pennsylvania associations of County Agricultural Agents throughout his Extension career. In 1970 the national association presented him with its award for distinguished service to agriculture. He is a member of the Kiwanis service club, Elks, Pennsylvania Farmers' Association, Epsilon Sigma Phi (an Extension honorary fraternity), and the social fraternity Alpha Sigma Phi. His wife is the former Alice Gensler; she has been teaching in Mifflin County schools for 28 years. They are parents of one son and one daughter.

Md. begins toll-free market phone report

ANNAPOLIS, Md. — The seasonal consumer and farmer information service, "MDA Market Line" which has been a service of the Maryland Department of Agriculture's Marketing Services Section for the past two years went on a toll-free telephone call basis July 1, announced Bradley H. Powers.

Powers, Chief of the Marketing Services Section of MDA said, "we have made arrangements to use an 800 telephone system so that all Marylanders can now avail themselves of the news reports without having to pay for a toll call.

"Beginning July 1, anyone in Maryland can call 800-492-2105 at anytime for the reports which consist of three minute taped messages changed each weekday at 4:00 p.m.

"The schedule for the reports is as follows: On Mondays a weekly crop weather report is put on line giving the latest growing conditions, planting progress, and agriculturally-related weather information.

"On Tuesdays, the report consists of various farm-oriented news such as grain stocks, slaughter figures, inventories, prices paid and prices received statistics.

"On Wednesdays, the report is a summary of the well-known "Retail Food Price Report" based on a cost survey taken each week in supermarkets by MDA's Helen Huber.

"The Thursday report is a version of the "Maryland Feed & Grain Report" which gives summary information on cash grain prices, feed prices and livestock prices.

"Of particular interest to consumers is the Friday report which consists of a survey on availability of Maryland-grown fruits and vegetables so that buyers can take advantage of local harvest opportunities at roadside stands, pick-your-own farms and markets that sell locally produced fruits and vegetables," he said.

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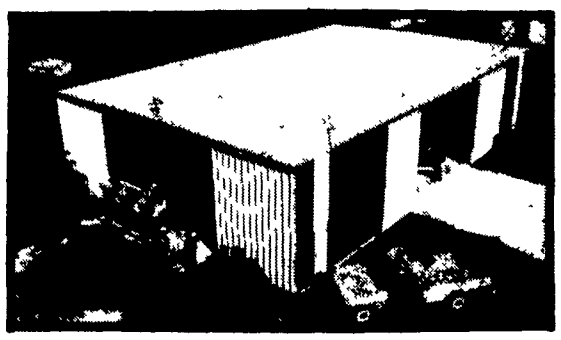

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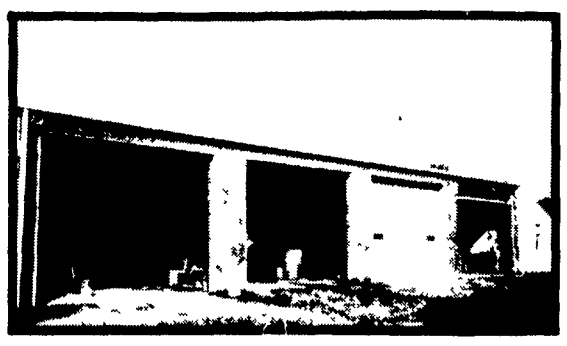

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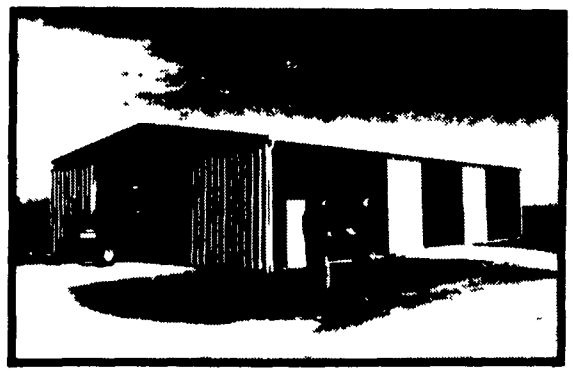

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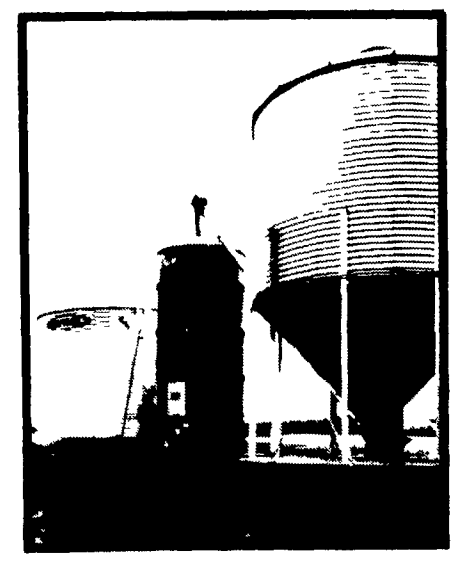

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Elmview Dairy Farm finds success in selling All-Jersey milk products

ELMVIEW JERSEY FARM
All-Jersey
HOMOGENIZED MILK

BY DONNA McCONAUGHEY
Staff Correspondent

COLUMBUS — Marketing is certainly the buzzword of the dairy industry today. It is becoming increasingly evident that the success of the dairy industry depends upon increased merchandising of the product. Many are seeking answers to these problems but few have found total success.

The Curtis family of Warren county have proved the success is possible when it comes to marketing milk. They currently sell all the milk produced by their 220 Jerseys and find it necessary to purchase additional milk to meet the demand! Many factors and much hard work have gone together to create this success, but they stand as proof that it can be done.

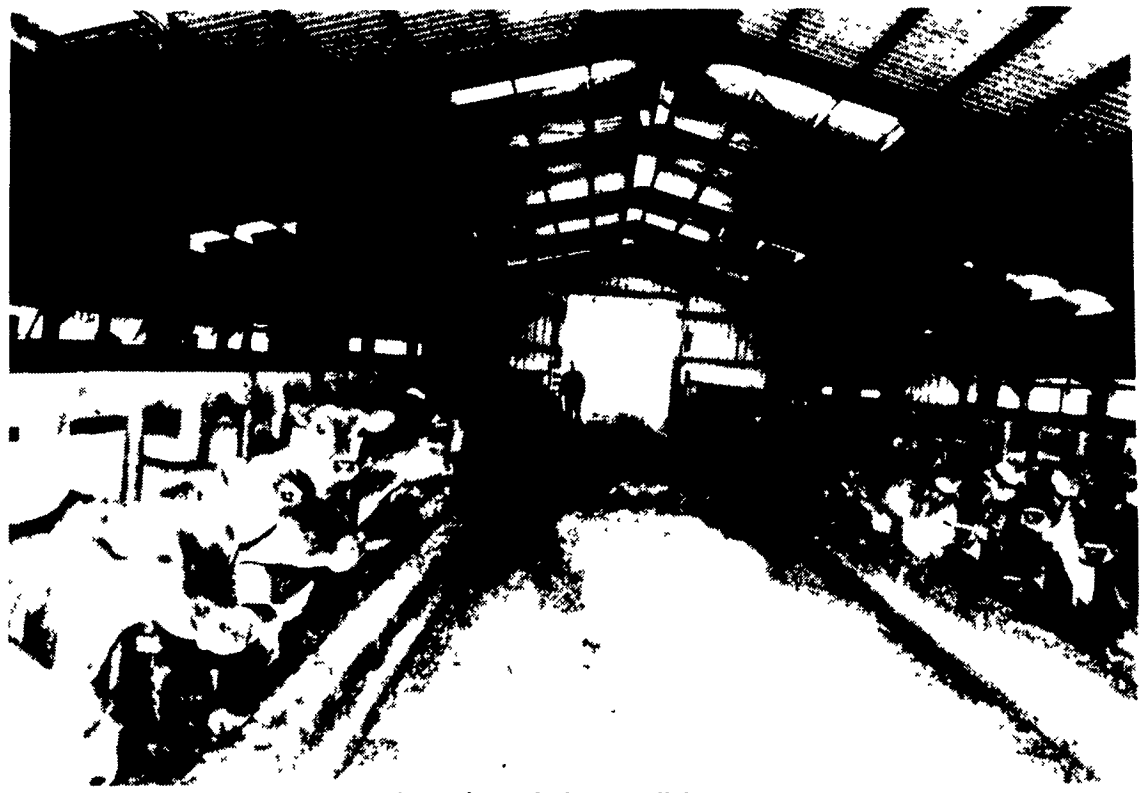
Carleton Curtis, 89, is the pillar behind this operation. Sixty-five years ago he was working as a milk tester in Crawford county. He located a Jersey herd and told his family if he could bring his Jerseys along he would come home. It took him three days to move his herd from Meadville to Columbus — he moved the herd on foot. This farmstead has now been in the Curtis family for over 130 years.

Still active on the farm, Carleton does all of the calf feeding, gardens and spends much time at the dairy store on the farm. Until two years ago, he was also involved with field work.

In 1968 his four sons purchased the farm from him. Currently, only three of the sons are owners. The 800-acre farm, of which 350 are tillable, lies in the famous "snow belt" of northern Pennsylvania. Most of the acreage is utilized in producing corn silage. All grain used on the farm is purchased. Les Curtis is responsible for the machinery and field work.

This herd of Jerseys produces milk that is well-known in the Columbus area. A processing plant is located on the farm in which Harold manages the production of several different milk products and butter. In the 1970's their sales were covered by two delivery trucks and four routes for home delivery service. A neighbor began a milk bottling business which forced them to consider new ways to market their product.

Drive-through free-stall barn



Les Curtis stands in the drive-through free stall barn which houses the Elmview Jersey herd.

They began selling milk from a small salesroom on the farm. The success of this endeavor convinced them to build a store nearby 10 years ago. They found that one clerk could sell more milk than all of the home delivery routes. This was indicative of the trend that young people are willing to drive in order to buy a high quality product for a better price. The Curtis family found that the older people who weren't willing to drive were also consumers of less milk.

Eventually, when Jim moved away from the farm, the home delivery was stopped. At the same time new market opportunities were pursued in local supermarkets. Currently Elmview markets its dairy products in four supermarkets, local restaurants, Dairy Queens and parochial schools. A decision was reached recently to drop the public school contracts.

What has led to a rate of success which has resulted in an increase in business every year since the 1950's? The taste is one factor. Families who begin drinking All-Jersey milk find that their "kids love it," and if a customer sticks with it for two or three months they probably won't change.

Much effort is put into controlling the quality of the product. Silage is fed prior to milking which results in better tasting milk. Recently, the Curtis family began providing processed dairy products to a neighboring business. This business saw a 300 percent increase in sales from October 1983 to March 1984, which is claimed was a direct result of changing to Jersey milk.

The demand for Elmview Jersey Farm's All-Jersey Milk is so great that the Curtis family is currently buying about 1,000 gallons of milk every three weeks to meet the demand. In a day when the dairy industry is trying to find ways to handle surplus milk, Elmview is trying to find ways to meet the demand.

Advertising is also an important part of the overall program at Elmview. Efforts are focused on local newspapers and radio stations. Also sponsored is a local cookout for which they provide hamburgers and milk products. This event gets people to sample their products. The county dairy princess is brought into the store once or twice a year as an additional promotion.

The Curtises hope to be able to get a refund of the 15-cent per hundredweight that is being deducted for advertising. "We advertise and sell all of our products. It's not fair that we get taxed again to sell someone else's products, too." Les says.

Elmview's "All-Jersey Milk"

(Turn to Page A24)

Curtis family by sign

Family is important in this operation. The Les Curtis family includes, from left, son Larry, Bill Kalika and Pam Curtis Kalika holding Kimberly, Thelma and Les.

More of Curtis clan

More of the Curtis family, posing in front of the store, includes, front from left, Mark Curtis and Chris; back from left, Lee, Mr. and Mrs. Harold Curtis, and Tim.

Double-eight herringbone parlor

A double-eight Herringbone milking parlor is used to milk Elmview's 220 cows. Larry Curtis, back, and Lee Curtis represent the third generation to be involved in the family business.

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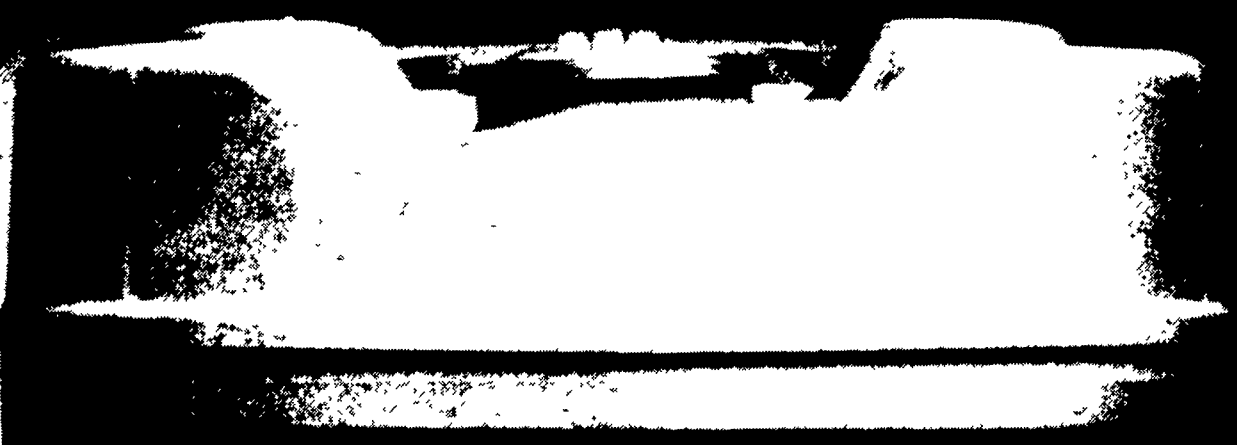

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Elmview Dairy Farm

(Continued from Page A22)

packaging includes information stating that "All Jersey milk contains more protein, more calcium, more phosphorus and more energy units than is found in any natural milk of the same milk fat content." And — the customer receives all of this at "No Extra Cost." So, the consumer learns that not only does this product taste good but it also is the best value for his or her money.

Milk is not the only thing sold in Elmview Farm's Store. Also offered is Jersey Jack cheese. This is a Monterey Jack type cheese made from All-Jersey milk. This cheese has a lower percentage moisture than average Monterey Jack which makes it easier to slice and extends shelf life. This cheese was first sold in Pennsylvania by Elmview Jersey Farm.

The cheese has become very popular in the Columbus area. Introduction of the cheese was carried out by planning a promotion with the county Dairy Princess. After this, people were asking for Jersey Jack cheese. The demand far exceeded Les's expectations and he sold out. He now sells about 40 pounds every two weeks.

Also sold in the store is Jersey Burger. This is how Elmview markets cull cows. They have them butchered and the entire cow ground into hamburg. Customers have also found that Jersey Burger has an excellent flavor.

In addition, ice cream is available. This is made off the farm and is placed in their containers. Also available are maple syrup products produced locally, baked goods, jelly, honey and small convenience items.

The store is open 11 hours a day in winter months and 12 hours during the summer. During the end of the week it takes two clerks in the store to wait on customers.

Of course, marketing is not the only important aspect of this operation. Production is also critical to the success of Elmview Farms. The management of the Jersey herd is handled by David Curtis. The herd is fed a complete grain ration in pellet form while in the milking parlor. Corn silage is offered during the day and hay is available in the evening. During summer months the cattle are free to chose pasture or silage and hay in the barn.

On-farm milk processing facilities are used in preparing the much sought after Elmview All-Jersey products.

The current rolling herd average is 10,900 lbs. of milk and 521 of fat. This is down from 11,500 lbs. of milk a year ago. However, the demand for their All-Jersey milk products has been so great that they added seventy heifers and have not culled hard.

A DeLaval milking system is used in a double-eight Herringbone milking parlor. From the milking parlor the milk is sent through a cooler and into a holding tank for processing. The milk is at 35 degrees when it comes to the holding tank which helps in maintaining a high quality flavor. The milking parlor was built with the customers in mind as it has an observation room which allows people to watch the milking without disturbing the cows.

The breeding program at Elmview includes AI using plus proof bulls. The Curtises do their own AI which has resulted in a 1.3 services/conception rate. Prior to this it was 1.5 services per conception.

Production is critical but typy cows can also be found here. The Curtis family showed the champion of the District Junior Show in 1983.

The farm's buildings include the original barn which has stanchions and box stalls. This is utilized for cows freshening and any that need to be treated by the vet. It also provides excellent facilities in which to house heifers during the winter months.

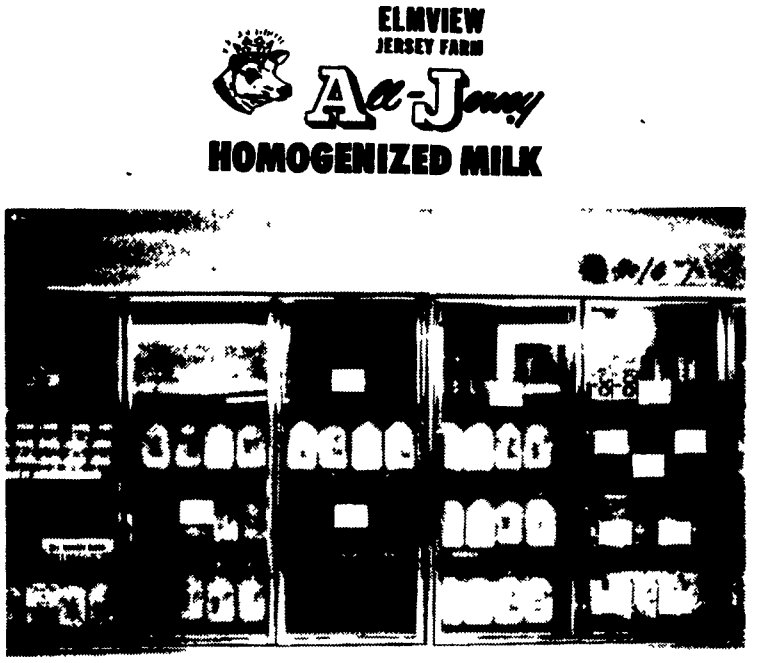
With chill factors of 75 and 80 degrees below zero and an average of 200 inches of snow each year, management of calves and heifers is critical. During this past winter, the Curtises had neighbors who found calves dead in hutches.

The most recent buildings added are drive-through free-stall barns. Harold and Les traveled over the state looking at barns until they knew what they wanted. Their calf barn was built economically by contracting the shell and finishing the inside themselves. Built five years ago, this barn was less than one-half full when finished. It is now being utilized at more than three-fourths capacity.

All their plans have been set up with the potential for expansion in mind. Like their father before them, Harold, Les, and David have encouraged their children to become involved. Les has two sons who are active in the family operation as are Harold's three boys. All of the children own cattle themselves. Les's son, Larry has acquired nearly 20 head.

A philosophy that is evident on the farm today is to allow the younger generation to try their ideas for change. They feel this is critical in maintaining their interest. Also the boys are all paid for their work on the farm.

Carleton Curtis can be, and is, very proud of Elmview Jersey Farm. This three generation family has climbed a mountain with which the entire dairy industry is struggling.



The Elmview Dairy Store offers a variety of milk and milk products for sale.

Jersey products sold in the Elmview Farm store include cheese, hamburg, cream, milk, ice cream and Elmview tote bags and T-shirts.

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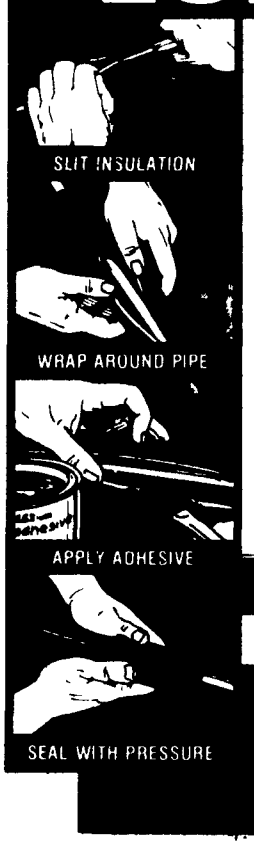

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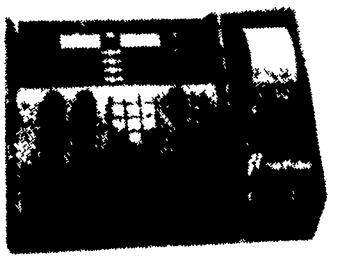

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Rabies

(Continued from Page A1)

that many of the rabid animals from his county have been well-furred and apparently healthy. Thus far, his county is the "hot spot" for rabies in Pennsylvania, accounting for 65 of the 136 cases statewide this year.

Of this total, raccoons have been the primary carriers, responsible for over 100 of the cases, says Pennsylvania Department of Agriculture spokesman Bob Bunty. Other carriers have included skunks, bats, foxes, cats, dogs, woodchucks and even flying squirrels.

"We're well on the way to passing last year's total of 170 cases," remarks Bunty.

Though Franklin County currently has the dubious distinction of being Pennsylvania's rabies capital, things seem to be winding down, according to Ron Schmuck.

"Rabies really got started in my end of the county (southern half) about a year ago in March," Schmuck recalls, "and this spring we averaged about 15 to 30 calls a day." The game protector says the number of cases has declined steadily this summer, and he's hopeful that rabies has run its course in Franklin County.

Unfortunately, a decrease in Franklin County rabies activity may only be the signal to look elsewhere for further outbreaks.

"The disease is moving north and east because of the topography" says Jones, pointing out that rabies has not yet crossed the South Mountain, and those cases reported to the east in Adams County have come from the south in Carroll County, Maryland. The disease seems to be moving south and west out of Virginia, as well, Jones points out, stating that the outbreak is moving at a rate of about 25 to 50 miles per year.

Though the disease's current course would seem to target those counties north and east of Franklin as future sites of the epidemic, Dale Sheffer, the Game Commission's director of the Bureau of Game Management, is hesitant to plot its course. Sheffer points out that vacationers who transport pets from one area to another may unknowingly spread rabies if their pet comes into contact with an infected animal.

Practically speaking, rabies is transmitted only when the saliva from an infected animal is introduced into an open wound on another warm-blooded animal, says Jones. And though the disease is incurable, it is quite easily prevented.

The first step after being bitten by a suspected carrier is to cleanse the wound thoroughly with soap and water, Dr. Jones advises.

If the offending animal is a dog or cat, Jones recommends a 10-day observation period to determine if the animal has the disease. Since dogs and cats will shed the virus only three to five days before exhibiting symptoms, the 10-day wait will tell the tale, according to Dr. Jones.

But when wildlife is involved, Dr. Jones advises that the animal should be dispatched immediately and subjected to laboratory testing. Care should be taken not to shoot the animal in the head or otherwise damage the brain as this area is critical to the testing procedure. Test results should be available within 24 hours, and Jones recommends that treatment begin with 72 hours when the case does not involve a domesticated animal held for observation.
observation.

Prevention of the disease after exposure involves a five-shot series of vaccine over a one-month period. Injections of vaccine are given on days zero, three, seven, 14 and 28. In addition to the initial dose of vaccine administered on day zero, a dose of immune globulin is given. This component of the treatment is very important, according to Jones, because 10 to 12 days will pass before the body develops rabies antibodies from the vaccine. Immune globulin acts as insurance during this period.

Dr. Jones reports that there is no record of anyone contracting rabies after receiving this series of injections.

All animals involved in non-human exposure (exposure involving farm animals or pets) are currently being tested at the Pennsylvania Department of Agriculture's lab in Summerdale, located across the Susquehanna River from Harrisburg. Animals responsible for human exposure should be submitted to the State Health Department lab in Lionville, located in Chester County. An additional Health Department testing center is located in Allegheny County in the Pittsburg area.

Because of the current volume of testing being done, Dale Sheffer advises that only those animals involved in direct contact with humans or other animals be tested. Sheffer points out that only one out of every four suspected carriers tested actually has rabies, and other diseases such as distemper may cause similar symptoms in wildlife.

Ron Schmuck advises handling all suspect carcasses with disposable rubber gloves that can be buried with the animal. Pouring gasoline, kerosene or ammonia over the burial site will discourage other animals from digging up the carcass, says Schmuck.

There is no need to dispose of shovels or other implements used to handle carcasses, says Dr. Jones, since the fragile rabies virus dies as soon as the saliva dries. This usually takes only five or 10 minutes, reports Jones.

Pointing out that most cases of human contact with rabies involve dogs and cats, Dr. Jones urges pet owners to make sure that all their dogs and cats are vaccinated. Jones emphasizes that this includes all farm cats, since vaccination will prove less costly than treatment programs for children who frequently interact with pets on the farm.

Rabies clinic slated for York County

STEWARTSTOWN — The Stewartstown Community 4-H Club will sponsor a Rabies Vaccination Clinic on Friday, July 13, at the Eureka Fire Company building. Hours of the clinic are 5:30 through 8:30 p.m.

Three veterinarians are scheduled to be on hand throughout the three-hour clinic, which is opened to the public. Cost of the rabies vaccine shots is $4.00 per animal.

The Eureka company building is located just north of Stewartstown, on Route 24.

USDA milk order hearing on Wednesday

WASHINGTON, D.C. — The U.S. Department of Agriculture will hold a public hearing at 9 a.m. Wednesday on a proposal to amend the classified pricing provisions of all 45 federal milk marketing orders.

Edward T. Coughlin, a dairy official with USDA's Agricultural Marketing Service, said the hearing will be held at the Ramada Hotel Old Town, 901 N. Fairfax St., Alexandria, Va.

Coughlin said proposed amendments would provide a separate pricing class for milk used to produce butter and nonfat dry milk. The minimum price under federal orders for the new class would be the lower of the Minnesota-Wisconsin manufacturing grade milk price or a butter-nonfat dry milk formula price.

The hearing was requested by the National Milk Producers Federation, Washington, D.C., an association that represents most of the dairy cooperatives in the nation.

Presently milk used for butter and nonfat dry milk is classified with milk used to produce hard cheeses and priced at the Minnesota-Wisconsin price. The National Milk Producers Federation claims that at times the market value of milk used in butter and nonfat dry milk drops below the Minnesota-Wisconsin price, and contends that at such times federal order prices for these uses should be lower, Coughlin said.

Federal milk marketing orders cover about 68 percent of all domestic milk production and 80 percent of the milk used for fluid purposes. The orders set minimum prices regulated handlers must pay dairy farmers for their milk. The orders do not set the prices consumers pay for milk or dairy products at retail outlets.

The proposal to amend the orders was scheduled to be published in the June 27 Federal Register. Copies also may be obtained from any of the milk order market administrators, or from Dairy Division, AMS, USDA, Washington, D.C. 20250.

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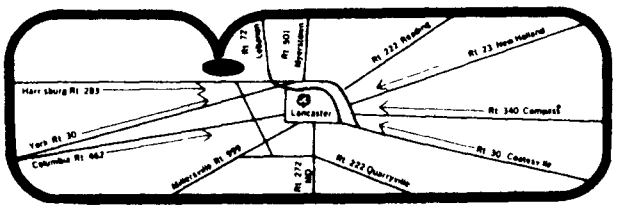

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86 attend PFA Youth Leadership Conference

LEWISBURG — "The future of farming is in your hands. You have to shape it with those hands." Carolyn Witmer, 1983-84 state president of the Future Farmers of America told an attentive audience at the banquet for the sixth annual Pennsylvania Farmers' Association (PFA) Youth Leadership Conference.

The conference, held at Bucknell University in Lewisburg from June 24-28, drew 86 young people, representing 49 PFA organizations across the Commonwealth. Sponsored by the PFA Women's Committee, the conference is designed to teach high school students about the legislative process and the PFA's work.

"I've developed an understanding of what happens to a legislative bill," says John Burkholder of Lancaster County, one of the participants.

The group broke down into advisory councils, a PFA-like structure with a board of directors, and a House of Representatives to consider issues, form resolutions, attend mock hearings, and work through lobbyists to shape legislation. The issues included farm-related topics such as taxation, safety and land use, public-interest topics such as drugs and alcohol, prison reform, crime, and nuclear proliferation.

To liven up the proceedings there were some unusual bills introduced, including requiring cars to be painted with polka dots and, of course, changing the conference curfew until later. The latter bill passed the House but was vetoed by the Governor, PFA regional coordinator Dave Muzzy.

In addition to learning about legislation, the young people set up and ran a cooperative store, selling milk, candy, and snacks, The participants were shareholders in the co-op and divided dividends at the end of the conference. "I live on a dairy farm, and co-ops are a way of life for us," Burkholder notes. "I needed to know how they function, and I've gotten that here." The PFA Field Services organizers, who ran the conference, made the learning fun by presenting a movie on co-ops and holding a College-Bowl-type quiz among the students afterwards.

There was time for other fun, too. In addition to recreation time, the students took elective classes in music, communication, self-improvement, and bicycle safety. Twelve of the young people received certificates from the state Department of Education as instructors in bicycle safety, a skill they can take home and use in their communities.

"I've met a lot of new people, learned about different kinds of farming and how the political system works," says Carolyn Martens of Waterford, Erie County. Martens' parents are both active in PFA and she adds, "The conference has helped me see what PFA offers my parents and why and how they're involved."

Carolyn Witmer, 1983-84 Pa. FFA president, talks with PFA Field Services Director Mel Eckhaus.

New winter barley resists powdery mildew

ITHACA, N.Y. — A new high-yielding winter barley with excellent built-in resistance to powdery mildew, a fungal disease considered to be the second most serious malady affecting the barley crop, has been developed at Cornell University.

To be made available for commercial use in time for planting in the fall of 1985, the new variety was developed by Neal F. Jensen and Mark E. Sorrells, both in the New York State College of Agriculture and Life Sciences at Cornell. Jensen, who initiated the project in 1966, retired from Cornell six years ago.

Sorrells, an assistant professor of plant breeding and a specialist in small grains, followed up on Jensen's work and made the final selections after a series of tests conducted over the past several years.

Sorrells announced the new barley during Cornell's Seed Growers' Field Day held yesterday. The annual event attracted about 100 seed growers from New York and neighboring states.

He says that seed growers in New York State will be planting the yet-to-be-named barley this fall for production of certified seed for use by barley growers during the 1985-86 season. Winter barley is planted in the fall and harvested in mid-July the following year.

Used primarily as animal feed, the winter barley crop is grown on some 10,000 to 20,000 acres in central and western parts of New York State. Other eastern states that grow this crop are Pennsylvania, Maryland, Virginia, and North Carolina. It also is grown in Michigan and in Ontario, Canada.

Farmers also grow a spring barley, one that is planted in April for harvest in summer, but an excessively wet spring such as the one experienced this year often hampers spring planting activities. Because winter barley is planted in early fall, a prolonged rainy spell in spring, if anything, usually has a positive effect on the crop, Sorrells explains.

In Cornell tests conducted over the past three years, the new barley has averaged 85 bushels an acre in yield, about three to four bushels more than Schyler. Also a Cornell variety, Schuyler has been the most popular one since its commercial debut in 1970.

Other characteristics in terms of test weight, maturity, plant height, lodging resistance, and winter hardiness are similar to Schuyler, but mildew resistance is better than Schuyler, according to Sorrells. The new barley also is moderately resistant to other diseases such as loose smut and leaf rust, but it is susceptible to leaf scald.

"Under good growing conditions the new variety has a definite edge over Schuyler in yield and mildew resistance," Sorrells points out. "It eventually will replace Schuyler."

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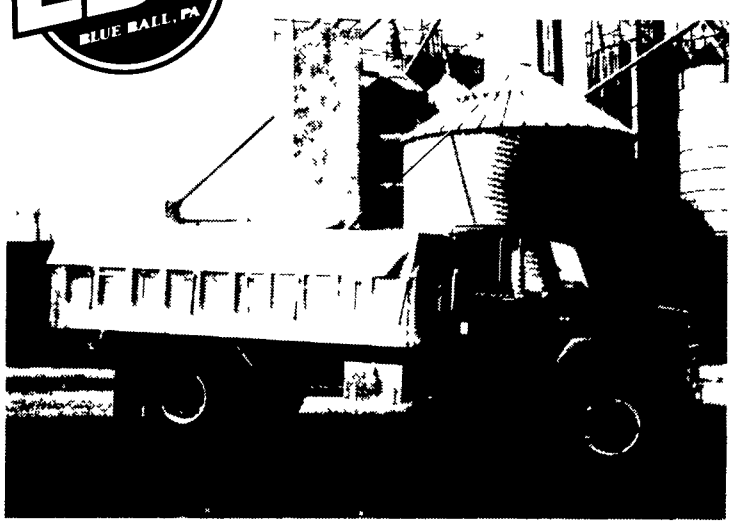

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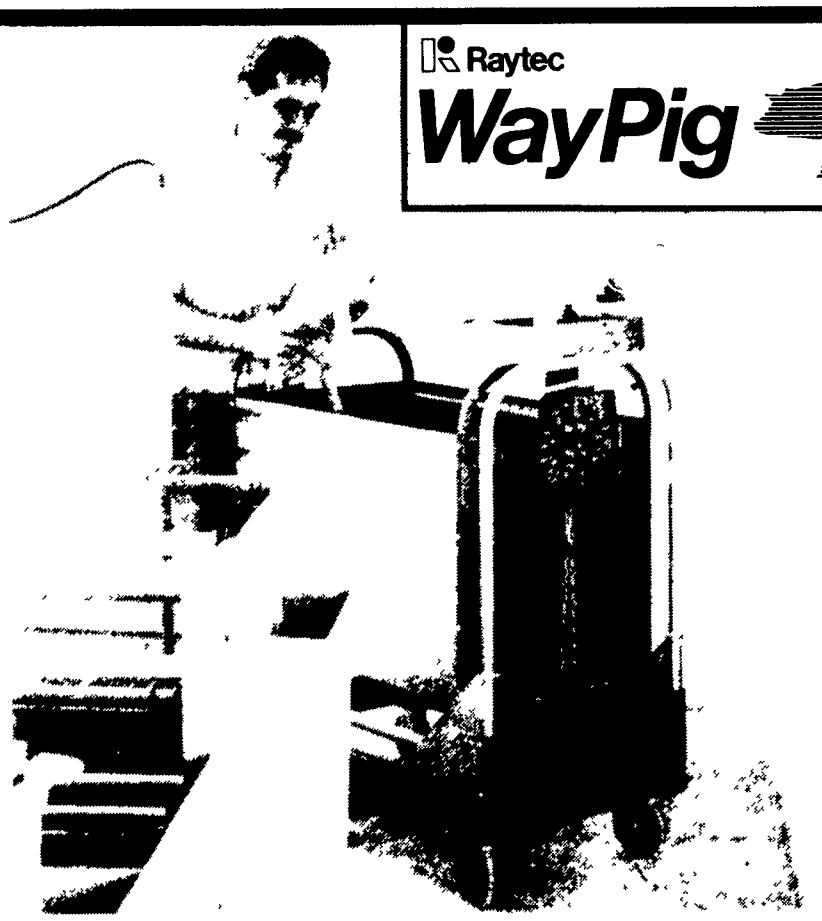

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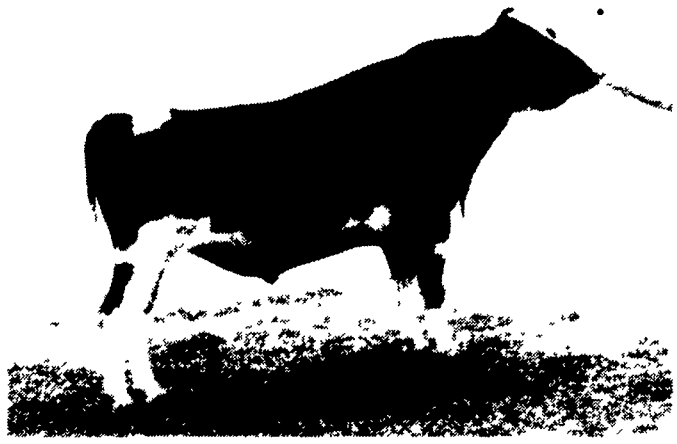

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+1.03 PDT 73% R +504 TPI

MORE TEST FOR YOU

Code	Name	TPI	$$$	Milk	% Test	RPT	PDT	RPT
29H4530	Apollo J	+603	+163	+515	+.32	45%	+ .74	51%
29H3392	Anticipation	+549	+131	+423	+.26	71%	+ .80	71%
29H3403	Andy	+472	+ 63	− 53	+.24	78%	+1.67	76%
29H4279	Scorpio	+387	+ 60	+ 78	+.17	58%	+ .53	43%
29H3519	Roklane	+386	+ 53	+ 86	+.14	66%	+ .71	54%
29H3345	Napoleon	+492	+ 45	+ 58	+.13	93%	+2.39	90%
29H4130	Triune	+426	+ 85	+392	+.12	55%	+ .29	59%
29H3469	Satellite	+532	+ 87	+418	+.11	62%	+1.75	60%
29H3151	Stoney	+517	+ 71	+306	+.11	76%	+1.96	64%
29H3183	Ken Royal	+363	+ 47	+122	+.11	83%	+ .49	78%
29H3195	Vic	+561	+138	+845	+.10	79%	+ .63	76%
29H3820	Dairyman	+596	+109	+635	+.10	61%	+1.91	58%
29H3161	Print	+469	+114	+732	+.07	83%	+ .00	78%
29H3465	Rockstar	+361	+ 75	+452	+.06	72%	− .39	65%
29H3499	Profit Maker	+426	+ 74	+436	+.06	71%	+ .59	71%
29H4650	Francs	+472	+ 95	+596	+.06	41%	+ .63	41%

The July 1984 USDA Sire Summary will be out in the next few days. Contact Your Local ABS Representative For Complete Details On The Latest Test Information That Will Help You Increase Your Herd's Profit.

IN PENNSYLVANIA		
Allenwood, PA	George Showers	717-538-1812
Bangor, PA	Eric Heinsohn	215-588-4704
Carlisle, PA	Wayne Piper	717-532-4401
Clifford, PA	William Horton	717-222-3224
Coburn, PA	Wendel Musser	814-349-5310
Columbia, PA	James Charles	717-898-8694
Dornsife, PA	Steve Kieffer	717-758-1714
Ephrata, PA	Darvin Yoder	717-733-0966
Holtwood, PA	Paul Herr	717-284-4592
Lebanon, PA	Paul Martin	717-949-2381
Leola, PA	Lynn Gardner	717-656-6700
Linden, PA	Larry Bower	717-323-9710
Mansfield, PA	Harold Robson, Jr.	717-662-7731
Mifflinburg, PA	John M. Beachy	717-966-1344
Mifflintown, PA	Mervin Zendt	717-436-6386
Millville, PA	Wilmer Hendricks	717-458-5949
Prospectville, PA	William Tyner	215-542-8479
Reading, PA	Andrew Cooper	215-378-1212
Reedsville, PA	Chester G. Selfridge	717-667-3181
Rothsville, PA	Keith Campbell	717-733-1226
Stewartstown, PA	Tom Engle	717-993-6836
Thomasville, PA	Ira Boyer	717-225-3758
Ulysses, PA	Bonnie Barker	814-848-7674
West Grove, PA	Brian Geesaman	215-869-9187
IN NEW YORK		
Johnson, NY	Peter Vander Schaaf	914-355-1692
Pen Yan, NY	Calvin Crosby	315-526-6144
IN DELAWARE		
Kirkwood, PA	Dan Rush	717-529-6548
IN NEW JERSEY		
Baptistown, NJ	Cindy Gordeuk	201-996-2088
Elmer, NJ	Cyndy Hetzell	609-455-8187
Lambertville, NJ	Robert Fulper	717-658-7316
Port Murray, NJ	Robert Kayhart	201-689-2605
IN MARYLAND		
Detour, MD	Jim Carmack	301-775-7221
Mt. Airy, MD	Allan Pickett	301-663-4191

Wise culling of dairy cows pays dividends

NEWARK, Del. — Some dairy producers are milking fewer cows but increasing their net income. University of Delaware extension dairy specialist Dr. George Haenlein says this phenomenon isn't new, but is showing up in many herds this year.

In an Iowa State University study, herds at all production levels had some cows producing from 4,000 to 7,000 pounds less than other cows in the herd. The low 10 percent of the cows in each herd averaged 3,354 pounds less than their herdmates.

By removing these poorer performers, the study showed daily income over feed cost per herd increased by $12.15. On a yearly basis, the increased income over feed cost amounted to $4,436.

When fewer cows are in a herd, other costs such as supplies, interest and health care also are reduced, Haenlein says. So in some cases, milking 40 cows may provide more net income than milking 50.

The average culling rate on most dairy farms ranges between 25 and 30 percent per year. Reproductive problems, udder diseases and low production are the three major reasons for selling cows.

Because of the dairy diversion program, dairy producers are culling more animals than normal this year. This allows them to cull more selectively because of low production. The result, says Haenlein, should be more productive, profitable cows in the herd.

When the current dairy diversion program was announced, it was estimated that farmers would need to sell about 40 percent of their cows in order to reduce production by 30 percent, assuming milk production was the only record used to make culling decisions. Yet some processors report that production hasn't dropped as much as predicted. This means the remaining cows are producing at a higher level than they were before some of their herdmates were culled.

"For years," Haenlein says, "we've been telling producers to milk the best and sell the rest. Now, many dairy farmers are finding that they can achieve greater productivity and net income by milking fewer cows but taking better care of them."

To make management decisions that lead to profitable culling, producers must keep accurate records. Milk production per cow, feed costs, genetic and reproduction information, replacements available and other costs must be considered when deciding how many and which cows to cull.

Haenlein says either official Dairy Herd Improvement Association (DHIA) records or unofficial AM/PM or owner-sampler programs are useful in helping decide which cows to cull and the best time to sell them.

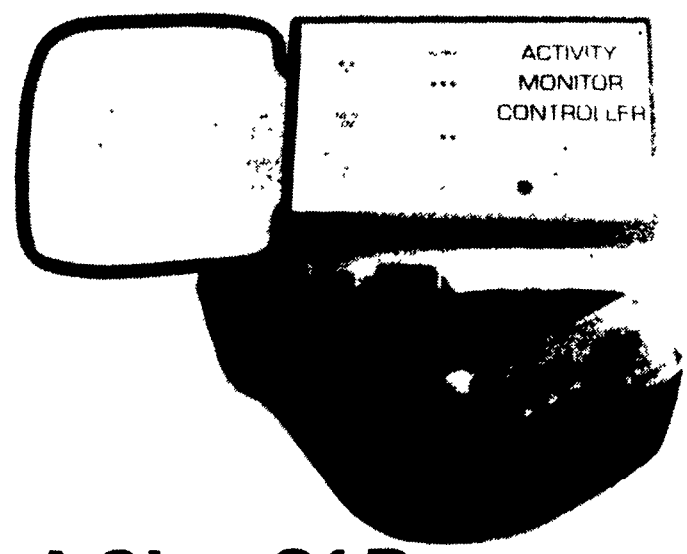
York Holstein picnic Aug. 1

WOODBINE — The George Knight family will host the annual York County Holstein picnic, scheduled for Wednesday, August 1, at their Woodbine Farms, Airville R2.

A presentation on embryo transfers, by Dr. Alan McCauley of Em Tran, Inc., will highlight the field day, which begins at 10:30 with a dairy judging contest for all ages.

Lunch will be a chicken barbeque, at $3.00 per half chicken dinner, and $1.50 for a quarter chicken. Reservations must be made for the lunch, and are due by July 15.

The event is open to all interested dairymen and related agri-business people. For further information and ticket reservations, contact a York County Holstein breeder, DHIA supervisor or the Extension office at 717-757-9657.



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Natl. Jersey Heifer Sale averages $1,805 head

BY ROBIN PHILLIPS
Staff Correspondent

MONTEREY, Calif. — The 27th Annual National Heifer Sale of the American Jersey Cattle Club is now history. Held in Monterey, Calif., June 29, the 44 heifers from throughout the United States averaged $1,805 per head, in spite of plummetting cattle prices across the nation.

Held each year in conjunction with the annual meeting of the American Jersey Cattle Club, the National Heifer Sale has a two-fold purpose. It is an annual project to provide continuing funds for the AJCC Youth Program, which includes the National Jersey Youth Achievement Contest, National Jersey Youth Production contest, prize money for state herds exhibiting at the All-American Junior Show and special premiums for the Western National Jersey Show. The National Junior Promotion Fund receives a minimum ten percent of the sale proceeds.

Secondly, the sale makes available high quality heifers from throughout the country to breeders nationwide.

Of the 50 animals consigned to the sale, the average production index (based on the new code) was +448 of milk, +17 of fat and +58$. Eighteen sires that averaged a PD of +683 of milk, +27 of fat and +90$ were also represented. The dams appraisal average was 83.3 percent, and their records averaged 16,001 pounds of milk, 768 pounds of fat and a 4.8 percent fat test.

The highest selling heifer came from Dayton, Or. Consigned by Forest Glen Jersey Farm, Forest Glen Boy Tic Tac was purchased by Elmer D. and Ann Larson, Washington Jersey breeders, for Leprechaun Holstein Farm, Centralia, Wash. Selling for $4,200, this daughter of Briarcliffs Soldier Boy is due in October to

High selling heifer of the sale was Forest Glen Boy Tic Tac, selling for $4200.00.

Second high selling heifer was Ogston Top Brass Delight.

Quicksilvers Magic of Ogston, currently the highest bull on the AJCC list.

Tic Tac also boasted a Favorite Banner dam with records over 15,000 pounds of milk and a 6.5 percent fat test. The dam is also classified excellent with one Hall of Fame record to her credit and high testing maternal sisters. The granddam of the heifer, a Secret Baronet daughter, has three Hall of Fame records. A maternal brother to the heifer is also a young sire at Minnesota Valley Breeders.

Other top selling heifers included: Ogston Top Brass Delight, consigned by John Bishop VI, Columbus, N.J., purchased by Dr. Ed Maxwell, Davenport, Iowa, for $4,000; C Bar Brass Maiden, consigned by Charles Feenstra, Higley, Ariz., purchased by Greenwood Jerseys, South Carolina for $3,500; and Dupat Brass General Desire-ET, consigned by Wickstrom Jersey Farm, Hilmar, Calif., purchased by Carl B. Chittenden, Fair Weather Farms, New Lebanon, N.Y. for $3,100.

The Larsons were the volume buyers of the day, taking home five head for a total $14,300. Four of these animals will be going to Leprechaun Holsteins in Washington.

Another volume buyer of the sale was Ed Crotty, Columbus, N.J., who purchased six heifers for a total of $9,050. These animals will be going to the New Jersey Department of Corrections in which Crotty is manager of the dairy herd.

Special limited editions of the model Jersey cow were also auctioned off. Individually crafted by F.W. Eustis, world renowned sculptor, the numbered 2, 4, 6, 8 and 10 models were sold. Bringing $1,100, the number two signed edition went to Roger W. Owens, Frederick, Wisc. The remaining four numbered models averaged $462.50.

Eustis is a former Jersey breeder who created the ideal models now used for the Holstein and Brown Swiss breeds. He has also done models and paintings for most of the horse breeds of the world. A limited edition was cast with special amounts being signed and personalized. After this edition is completed, the molds will be broken, forever limiting the edition.

Koontz elected Jersey national director

BY ROBIN PHILLIPS
Staff Correspondent

MONTEREY CALIF. — Donald A. Koontz, Fredonia, was elected to the position of national director, representing the second district, in the American Jersey Cattle Club. The elections were held in conjunction with the annual meeting of the American Jersey Cattle club in Monterey, California this past weekend.

Koontz, a Jersey breeder for his entire life, hails from Fredonia, Mercer County. In addition to maintaining a 90-cow herd, producing well over breed average, Don, with his wife, Angie, and their children, Brian, age 17, and Jackie, age 14, participate in all breed programs available, including TPE and Equity, and actively promote milk and the Jersey cow.

After growing up on his parent's Jersey farm in Bedford County, Don attended Delaware Valley College and in 1970 received a B.S. degree in dairy husbandry and, in 1969, was nominated for Who's Who in American Colleges and Universities.

Herd manager for Walebe Farms, Collegeville, for seven years, before "going on his own" with his Vantage Jerseys, Don received valuable experience throughout his life with the Jersey Cow, efficient production and competent management.

Active in the dairy and leadership programs of 4-H, Don was awarded the State Leadership Award and attended the National 4-H Club Congress in 1966. He has shown at many local, state, and national shows including the All American Junior Show. Since then he has been active as a 4-H leader and judging coach, and also served on the 4-H Development Committee. Koontz is currently vice president of the extension association in his county and is also a member of the Board of Directors of the Mercer County Farmers Association.

Koontz served six years as vice president of the Pennsylvania Jersey Cattle Club and three years as president. He is an approved PDCA dairy judge in Pennsylvania and a nationally approved Jersey judge. A member of the Dairy Shrine, Koontz also chairs the Pennsylvania Bred Heifer Sale Committee each year.

"It's obvious to win a nationwide election like this that it takes the help of a lot of people. I'm thankful for the super support that I had and hope to be an effective part of the board," Koontz stated after his appointment. He was then appointed to serve on the Marketing committee and the Registration committee of the board.

The American Jersey Cattle Club now has a director from Pennsylvania. Donald Koontz, Fredonia, won the election to represent District II as national director.

Manual on 'A Cow'

UNIVERSITY PARK — Looking for a way to describe a cow? You may want to consider Penn State computer programmer Rob Thorne's instructional manual on "A Cow."

Obtaining A Cow

Cows are manufactured by another cow. As with other manufacturing, this particular job cannot take place without considerable bellowing and a certain amount of bull. And of course it takes a long time to see any results, which at first view may not be too appealing.

B Model is a Calf. The Calf is similar to a Cow, leather encased with the inputs and outputs characteristic of Cows; however, its milk manufcturing facility is inoperative until all of its machinery has had time to be brought on line.

Purchasing A Cow

Cows can be purchased from dealers, where they are kept in "stock" until shipment. Purchased cows are normally delivered via truck, since the mail balks at moving them. Cows are operational upon delivery — although they may require some cleaning up.

Installing & Operating A Cow

Cows should be installed where suitable fuel is available. They do not accept any of the standard fuels. The desired fuel is a cellulose-fibre combination with mineral additives and chlorophyl. Fortunately this fuel occurs in its natural state whenever there is fertile ground and adequate sunshine. Cows also require water for cooling or lubrication, but the apparent prime use is for flushing away waste material.

NOTE - A Cow's shipping department is very time-clock conscious, and you must be ready to receive each shipment of milk promptly or the entire mechanism will break down. If you are not prompt in accepting shipment, the Cow's front end foghorn begins to sound. The sounds increase in frequency and amplitude until shipment is accomplished.

Adjusting and Cowabrating a Cow

Cows have many mooving parts, but are not adjustable. Do not attempt to adjust any of the descending devices on the cow's shipping dock.

Unloading A Cow

Cows unloading is not discussed in this Manual. Refer instead to the Udder one.

First weeks after calving are critical

COLUMBIA, Mo. — The first weeks after calving are critical for dairy cow performance. Research at the University of Missouri shows that sodium bicarbonate and magnesium oxide in early lactation diets helps cows get on full feed faster and reach peak milk production earlier.

The research was headed by Dr. Rex Ricketts, extension dairy specialist, and Richard King, who studied 12 cows in the first 13 weeks after calving. King and Ricketts found the most dramatic results from buffers in the first five weeks.

During this period, the researchers reported increased milk and fat production and improved feed intake among cows fed a concentrate buffered with 1.5 percent sodium bicarbonate and 0.8 percent magnesium oxide. Cows fed the buttered ration not only produced more total milk, but reached higher peak milk production.

The researchers said that sodium bicarbonate and magnesium oxide help cows make the change from dry to milking rations.

"The amount of stress endured by a modern dairy cow is great and is especially significant at calving and shortly thereafter," King pointed out.

"The cow not only goes through the trauma of giving birth to her calf but her ration is changed from low concentrate and high roughage to high concentrate and low roughage within a matter of two or three days."

Sodium bicarbonate in the feed helps ease this transition by neutralizing digestive acids, keeping rumen pH in the optimum range. Magnesium oxide apparently acts directly on the mammary gland to aid butterfat production in early lactation, the researchers said.

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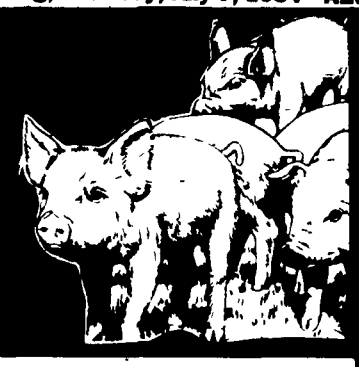

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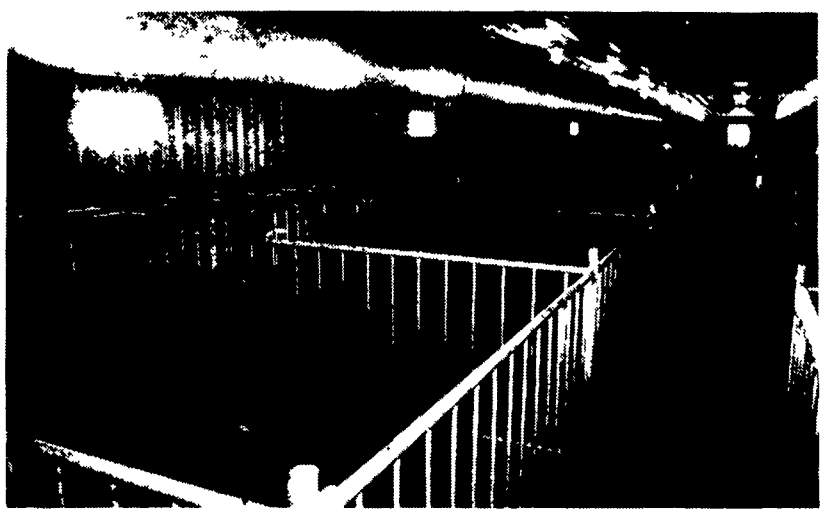

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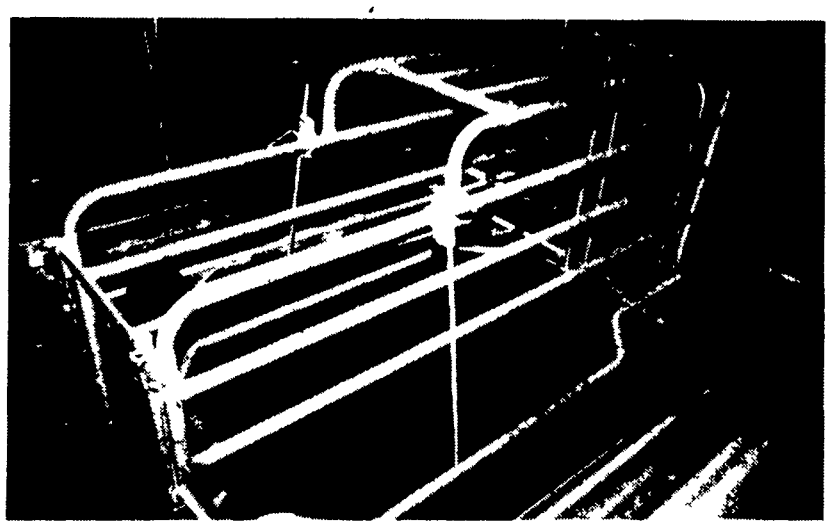
Hot Dipped Galvanized Gestation Stalls Over Concrete Slats.



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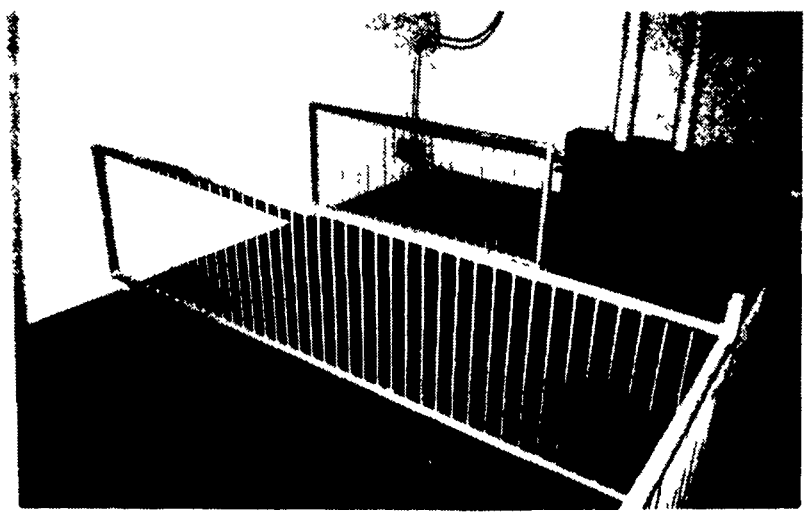

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Marydel Farm receives environmental award

NEWARK, Del. — Two Kent County farmers have been honored for their commitment to preserving the quality of Delaware's environment.

The Thomas Farms of Marydel, run by the father and son team of Isaac and John Thomas, was one of three recipients of the Governor's Advisory Council on Environmental Control's 1984 environmental achievement awards. The Thomases were recognized for their use of production practices which minimize soil and water erosion, as well as their efficient waste management system, water control structures and woodland management.

Governor Pierre S. duPont presented the citation during a special ceremony Wednesday, June 20, in his Legislative Hall office in Dover.

Isaac "Ike" Thomas recently retired from active farming, but his lifelong agricultural conservation efforts are being continued by his son, who now operates the family's 1,000-acre dairy farm.

Conservation is a way of life for the Thomases. Ike was 19 when he became treasurer of the 145-year-old tax ditch in his community. As a member of the Delaware House of Representatives in 1941, he was instrumental in developing the state's Soil Conservation District Enabling Act and he has been an unpaid member of the Kent Conservation District since its inception in 1943. Besides chairing his own district, he has served as chairman of the Delaware Association of Conservation Districts and as a director of the National Association of Conservation Districts.

Thomas was one of the first farmers in the state to adopt minimum tillage practices, which reduce soil erosion. In addition, he and his son have installed a modern waste management system which allows them to use dairy manure as fertilizer, thus reducing environmental contamination while benefiting crops. Milking parlor wastes, for example, are spray irrigated onto cropland.

To maintain soil and water resources on their farm, the Thomases also practice woodlot management and have installed water control structures such as tile drainage systems and a fish pond. They are active in ditch bank maintenance.

In accepting the award on behalf of his family, Ike Thomas expressed appreciation to the Soil Conservation Service and University of Delaware Cooperative Extension Service for their help in putting such conservation programs to use on his farm.

Also recognized at the ceremony were the E. I. du Pont de Nemours and Company Glasgow site for its state-of-the-art hazardous waste container storage facility and emergency pollution prevention program, and the State Department of Transportation for its development of a construction plan for the St. Jones River bridge on U. S. 113 south of Dover which minimizes filling of wetlands.

Grover Biddle, left, head of the Governor's Advisory Council on Environmental Control, reads citation to members of the Isaac Thomas family prior to award presentation by Governor duPont of Delaware.

Dairy promotion bill awaits approval

HARRISBURG — A bill, sponsored by Senator Noah W. Wenger, R-36, establishing a statewide Dairy Products Promotion Program, has received the unanimous support of the Senate and House and is now awaiting gubernatorial approval, the senator announced.

Currently, the Department of Agriculture is carrying out Pennsylvania's dairy promotion under authorization of a federal law requiring dairy farmers to pay a 15-cent dairy promotion and research fee for each 100 pounds of milk sold, Wenger noted.

"This measure will improve this system by permitting the state Budget Secretary to set up an interest bearing account, supported by dairy farmers' contributions, that would fund all our state's dairy promotions," Wenger, vice-chairman of the Senate Agriculture and Rural Affairs Committee, explained.

"With gubernatorial approval of this legislation, there will be a state statute providing for a dime of our state dairy farmers' 15-cent federal contribution to stay in the Commonwealth, enabling us to better promote Keystone State dairy products."

Wenger emphasized that the planned program's funding will be financed solely by voluntary contributions credited against assessments paid to the National Dairy Promotion and Research Board.

"With one-hundred percent cooperation of Pennsylvania's dairy farmers, out state stands to realize over $2 million annually as a source for promotional activities," Wenger said.

"Through a volunteer effort on the part of our state's dairy farmers," the senator concluded, "Pennsylvania's marketing and promotional objectives for our own state's milk supply should be much better served than on the present federal level."

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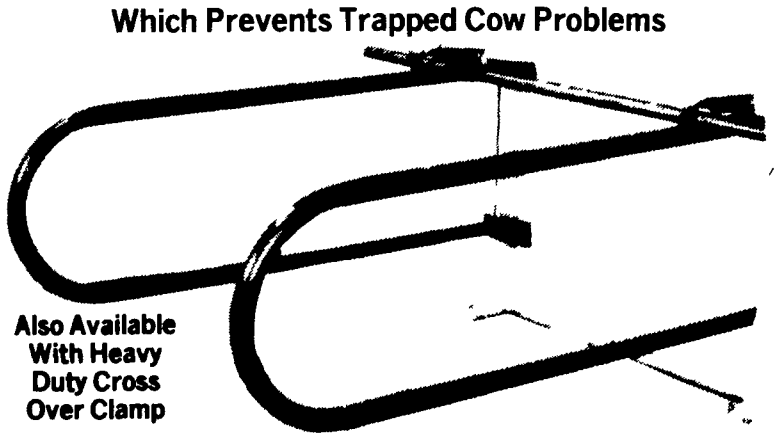

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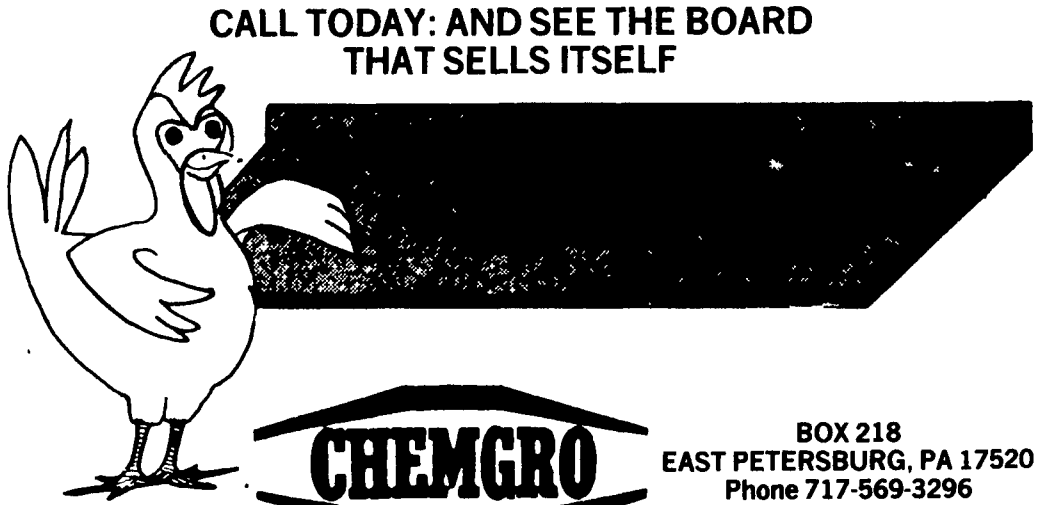

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Nancy Mitrich wins Crawford dairy crown

BY NANCY KUNICK
Staff Correspondent

MEADVILLE — The twelfth annual Crawford County Dairy Princess Pageant held last Saturday was the highlight of another successful Farm-City Day and June Dairy Month.

Four candidates, presenting talent and intelligence vied for the title before an audience of over 200.

Master of Ceremonies David Dowler, Mercer Co. Extension Agent, introduced each candidate. Each gave a 3-5 minute presentation relating to the dairy industry. The contestents were judged on these as well as impromtu questions and previous interviews with the judges.

The judges sharing the decision were Sharon Burawa, a voice and piano instructor and former REA Pa. Queen in 1969; Carol Koehler, a registered dietician at Greenville Hospital; and Laszlo Mozes, a Mercer Co. dairy farmer and State Holstein director.

Chosen to represent Crawford County's dairy industry as the 1984-85 Dairy Princess was Nancy Mitrich, the daughter of Nick and Betty Mitrich, of Guys Mills. She is a graduate of Maplewood High School and Crawford County Vocational-Technical School. She participated in various school activites and is now co-owner of a floral shop where she is a floral designer.

Among the special things that have happened to Nancy in the past year were being chosen 1983 FFA star dairy farmer and 1983 State Ayrshire Girl. Nancy has been a member of dairy 4-H and FFA clubs over the years, continually exhibiting blue ribbon dairy animals.

Nancy displayed her knowledge of nutrition with a skit about the Real Seal goodness found in dairy products. She concluded by saying, "Remember...they (dairy products) don't say Real, until I say, they say Real!"

She answered her impromtu question with the same energy. When asked how to reply to an older person who says milk isn't necessary at their age, she said, "Milk is good for you at any age but there are other dairy products you may enjoy more."

Selected as Nancy's helper in the next year as Alternate was 16-year-old Jody Lee, of Cochranton. She is a student at Cochranton High School and hopes to attend college in the future.

Jody displayed her talent as a vocalist as she sang about milk after "finishing the milking." This enabled her to be recipient of the Best Presentation Award in addition to the title of Alternate Dairy Princess.

The other girls who competed were Wendy Proper, of Venango, who "cheered" for real dairy products, and Connie Worley, of Saegertown, who exercised to a milk commercial

As Nancy Mitrich and Jody Lee began their reign, 1983 Dairy Princess Kathy Worley, of Saegertown, and Alternate Dianne Schutz stepped out of the limelight. In bidding them farewell, Carol Powell, coordinator of the Crawford County Dairy Princess Committee presented them with the incentive award. Together the '83 team more than doubled the required number of appearances.

Nancy and Jody have their work cut out for them but they accepted the challenge with big smiles and won a real seal of approval from the crowd.

Crawford County dairy royalty includes Jody Lee, left, alternate; and Nancy Mitrich, princess.

Erie County's dairy princess Lynette Marie Loper flashes winning smile as she begins her year-long reign.

Farmer's daughter essayist judged tops in Erie

MILLCREEK — Amid a good-sized crowd in the Millcreek Mall on Friday evening, June 29, Lynette Marie Loper began her reign as Erie County dairy princess.

The 17-year-old daughter of William and Bonita Loper, of Waterford, was selected by three judges to wear the crown for 1984-85.

Lynette captivated the audience with her 100 word essay on her "most memorable experience as a farmer's daughter." She related the evening of her first real "car date" which ended by chasing the family herd off the road and out of the yard. She managed to impress her date anyway and was surprised when he stayed to help with the roundup. Even with this incident fresh in her mind, Lynette emphatically says "I wouldn't trade being a farmer's daughter for anything"

Lynette is active off the farm, also.. She has been busy at Fort LeBoeuf High School in varsity cheerleading and is on the softball and volleyball teams. Lynette intends to further her education at Mercyhurst College in Erie and become a registered nurse, and later a surgical nurse.

Chosen to help represent Erie County's dairy industry as Alternate was 18-year-old Mary Gardner, daughter of Mr. and Mrs. Charles Gardner, of Edinboro. Mary was very active in high school and is now working. Her future plans include attending Edinboro University to major in accounting and economics. Mary spoke of her first experience milking a cow.

Lynette and Mary were chosen from four contestants, the others were Robin Blout, who received the "Miss Congeniality Award" and Deborah Warnshuis, both of Edinboro.

The people with the toughest job of the evening were the judges. Jack Rynd and Jeff Raney, Crawford County dairymen and Cyndy Patton, newscaster for WJET-TV, of Erie, interviewed the girls over dinner at York Steak House previous to the pageant.

Refreshments were available after the pageant. Cheese, milk and milkshakes were provided by Milk Marketing, Meadow Brook and the Erie Co. Farmers Association. — N.K.

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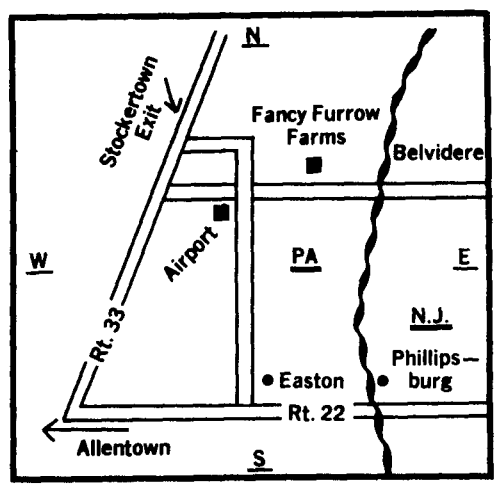


Cows and karate; milk and moo-ving

YORK — The Central Region Young Dairymen wrapped up their June dairy month activities last Saturday by filling the York Mall with a series of fitness demonstrations, contests, UHT milk samplings, dairy souvenirs, sweepstakes signups and that perennial crowd-pleaser, cows and calves.

A surprise contestant, Paul Kitson, of the Baltimore Blast soccer team, upset three other contenders in the cow milking contest. But he was defeated in the ice cream eating runoffs by P.M. Magazine's Blake Powell, who downed a pint of ice cream in two minutes and 40 seconds. Other contestants included Congressman Bill Goodling and Bruce Collins of 98 YCR radio.

In keeping with a fitness theme for the promotion, the day's scheduled special events included performances by aerobics and jazzercise groups, a karate demonstration and bodybuilders.

Up, up and away...

Helium-filled "Real" balloon, offered by Leroy Walker, prove a fascination for small fry.

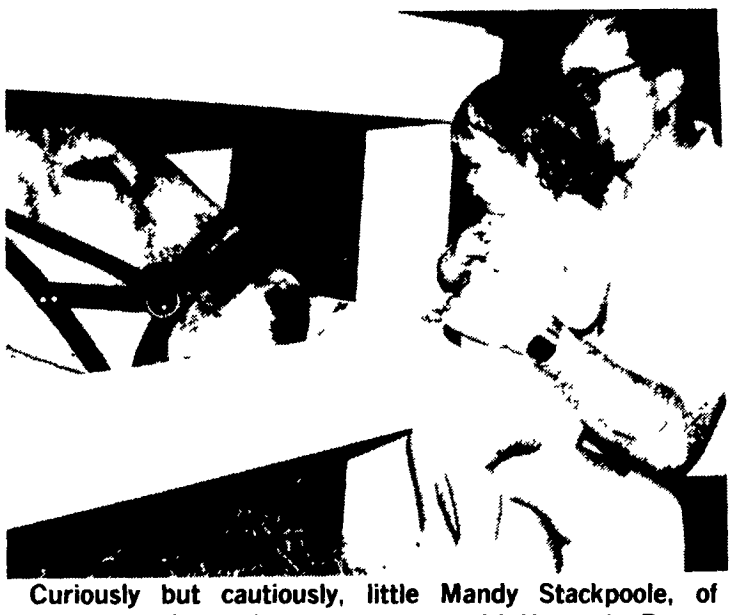
Photos by Joyce Bupp

I'll have one

Compute your nutrition

Helping to operate Dairy Council's nutrition computer are York County FFA treasurer Bill Boothe and York Dairy Princess Judy Perry.

What is that?



Curiously but cautiously, little Mandy Stackpoole, of Manchester, Md., makes acquaintance with Hope, the Brown Swiss.

Are they for Real?

Among fitness demonstrations at York Mall dairy promotion was a karate presentation.

It's milking out time

Cows always draw spectators and milking out time by Dave Krone is no exception.

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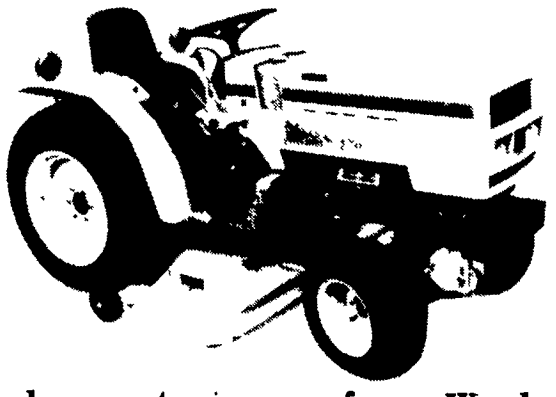

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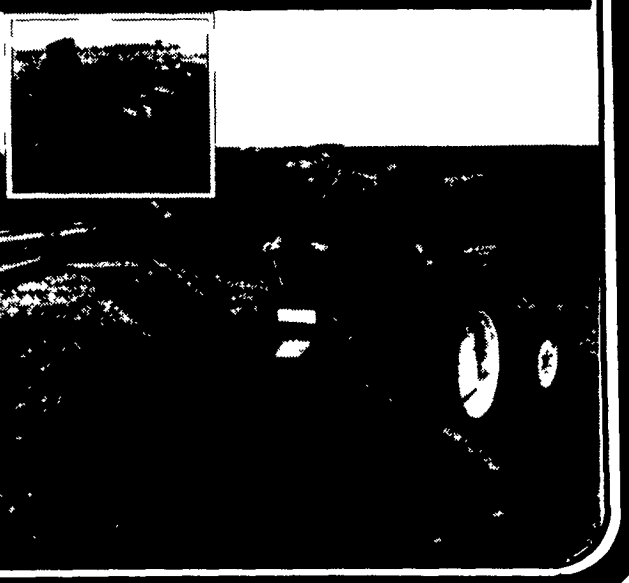

The new Woods Models 650 and 750 utility backhoes can outperform others their size (and larger) digging footings, irrigation ditches, drainage ditches, wiring trenches, and for landscaping.

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VPI, Berry College swap dairy breeds

BY ROBIN PHILLIPS
Staff Correspondent

VIRGINIA — "A university ought not to be a single breed organization," states Dr. John M. White, head of the Dairy Science Department at Virginia Polytechnic Institute & State University, Blacksburg, Va.

Also echoing these sentiments was Dr. Stewart Fowler, head of the Berry College Agricultural Department, Mount Berry, Ga. "He felt that since Holsteins comprise the majority of the dairy cattle in the United States, our students should be exposed to the Holstein cattle," states Mark Grundahl, dairy supervisor at Berry College.

With the same purpose in mind, these progressive-minded faculty members of these two colleges were able to trade their bovine resources for the mutual benefit of both colleges. Berry College, home of an outstanding Jersey herd, needed to add Holsteins for additional research and student involvement. VPI, after sacrificing several Jerseys in research several years ago, faced dwindling numbers of this breed in their 190 cow Holstein herd.

Jersey, Holstein trade benefits both schools

"We didn't have the funds to go out and buy," states Dr. White of VPI's need for additional Jerseys. "We found out that VPI wanted to increase their Jersey herd, " says Mark Grundahl of Berry College. "We worked out a trade that benefitted both of the institutions," he says.

This past spring negotiations were completed. Sixteen Holstein heifers and calves left VPI for Georgia 18 Jersey heifers and calves left Berry College and headed for Virginia.

With the faculty members of both colleges well known to Jersey breeders throughout the nation, Dr. White says that Jersey breeders were very much interested in this plan to increase the Jersey herd at VPI. In fact, he says, it was Tracey Stiles and his wife, Janet, of Waverly Farm, Clearbrook, who mentioned to him that Berry College was interested in a small Holstein herd. "I just picked up the phone and called, " Dr. White stated about his plans for the trade.

After negotiations were started, Jersey breeders took the initiative. Harold Roller, Rockingham County, Va. a dairy extension agent and former Jersey breeder, rallied the support of several of New England and Southern Jersey breeders, With Roller's organization, richly pedigreed Jersey heifers were donated to VPI from Briarcliff Farm, Maine; Green Dream Farm, New Hampshire; High Lawn Farm, Massachusetts; Fair Weather Farm, New York; and Ogston Farm, New Jersey. Additional heifers have also been pledged from other supportive breeders, including Waverly Farm, Virginia; Cedarcrest Farm, Alabama; and Senn-Sational Jerseys, South Carolina.

"I wanted to help with this program, " says Roller. He states that he and his son, Kenneth, both graduated from VPI.

Even though his own herd was dispersed in 1981, Roller remains very active in the Jersey breed. A former director for over eight years of the American Jersey Cattle Club, Roller served as chairman of the Performance Committee when the PDT program was initiated. "I saw it as a real good opportunity to have another college involved in Jersey breeding, feeding, and research type work," Roller says. "This was my part in it," he continues. "It will be that much more benefit to the Jersey breed."

"We do want to have a good, strong, representative Jersey herd," Dr. White states. With facilities for 200 cows, VPI Holstein herd had increased to approximately 190 milking cows. Because of the ongoing research, the Jersey herd had decreased to seven milking animals. The heavy research program trains approximately 125 undergraduates and 30 graduate students yearly in one of the largest dairy science programs in the country. Five hundred and fifty acres are farmed and cows are separated in as many as 20 to 22 groups for nutrition, genetics, reproduction, and mastitis research.

Berry College has had registered Jerseys since 1905. In 1983, their Jersey herd ranked sixth in the nation for herd size of 75-100 cows with an average of 14,152 M and 631 F. They remain at the top of the breed list for milk production in Georgia in the last five years. Students are involved in all segments of the dairy operation at Berry and the herd is used for judging, reproductive physiology research and management education.

Negotiations start in spring of '83

Mostly bred heifers were involved in the trade between the two colleges. Most animals were moved in December, 1983, and any calving before that included the calves also.

It was in the early spring of 1983 that negotiations were started and in July, 1983, faculty members from each college visited to select heifers for their respective herds. Dr. Fowler and Mark Grundahl, Berry College, came to select Holstein animals that they would consider for their herd. Dr. White, along with Dr. Bernard Cassell, and Dr. Mike Barnes, VPI, traveled to Berry College, to select their Jerseys. The two groups of selected animals were then appraised by an impartial cattle appraisor and they were traded on a dollar for dollar value.

Dr. White states that the people at Berry College were "tremendous to work with." "I'm really pleased with it," (the trade) he continued. He also credits Harold Roller and Mike Stiles, Waverly Farm, Clearbrook, who did "a tremendous job of helping to get this thing going."

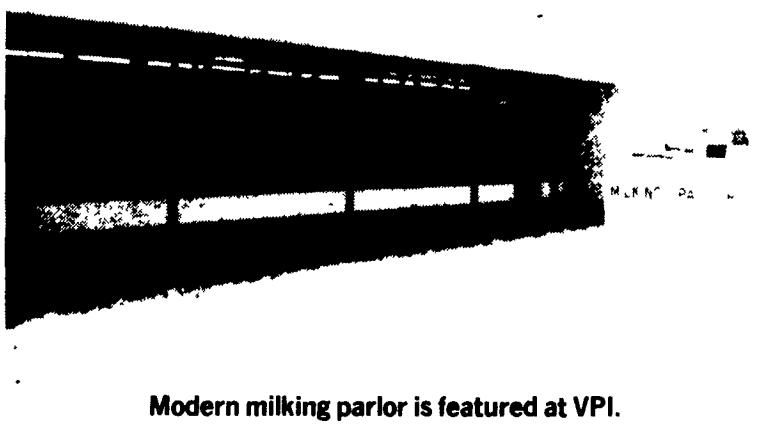
"Jerseys are an extremely strong alternative breed," Dr. White goes on to say. "We feel that the Jersey breed is the only really strong viable to the Holstein breed," he says. When he interviewed seniors, White states that they also expressed concern over the dwindling Jersey numbers. "We made the decision as a faculty," he says.

Students have mixed feelings

Mark Grundahl, dairy supervisor at Berry College, says he received mixed comments from their students. "Some students come here because of the outstanding Jersey herd. These students did like the idea of the Holsteins. Other students prefer the Holsteins. I think it is good to be able to compare the two breeds. We plan to maintain 20 milking Holsteins and 80 milking Jerseys."

Virginia Tech now has over 17 milking Jerseys with plans to maintain 160 milking Holsteins and 50 milking Jerseys. Dr. White says that with the donated animals and new animals freshening, VPI will be very close to that goal by this coming fall. "I'm really excited about it," he continues. The Jerseys that VPI received from Berry College included daughters of Favorite Saint, Samson, Earl, Boss Man, Top Brass, and Magic of Ogston. The donated animals are of comparable quality. The top record of the traded Jerseys was close to 17,000 pounds milk (m.e.) and of the 17 they are currently milking only two are older than two years old. The actual rolling herd average is running over 11,000 pounds milk with 4.8% fat on these two year olds.

This is part of Jersey herd at VPI, which is being built back up through donations and swap with Berry College.

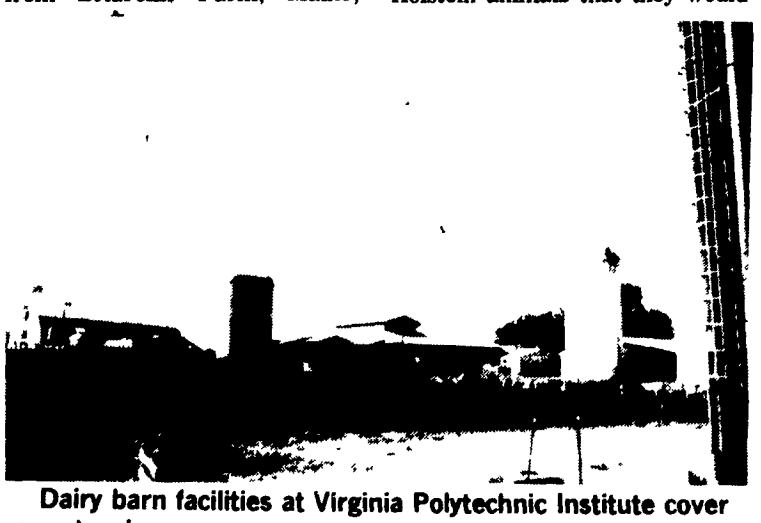


Modern milking parlor is featured at VPI.

Berry College traded for some daughters of Lucky-Royal, Pete, Milestone, Cinnamon Mars, and Bell. Their top producer is VA Bell Crystal Mermaid, a Bell daughter projected to 24,044 milk, and 723 fat. "We tryed to get a mix of the popular high PD bulls," states Grundahl.

As Harold Roller pointed out, most of the current data on nutrition, feeding, etc., is based on Holstein animal research. Because of this, according to Roller, this trade will benefit breeders across the country. Research on nutrition with Jersey animals will become available.

Dr. White states "you need 40 to 50 animals in a herd to have a good teaching program." He looks forward to the additional research they will be able to conduct at VPI with Jersey breed. Mark Grundahl, Berry College, concludes the trade with,"I feel the trade was beneficial to both schools and should make both teaching programs stronger."



Dairy barn facilities at Virginia Polytechnic Institute cover an extensive area.

Jersey production levels rise again

COLUMBUS, Ohio — Jersey cows have proved themselves to be efficient producers of milk, fat and protein throughout the years Rapid genetic improvement and better management practices have helped set a new all-time high breed average for both milk and fat. The 1983 DHIR lactation average was 12,234 pounds milk and 584 pounds fat.

These figures, released by The American Jersey Cattle Club, Columbus, Ohio, are based on a 305-day, 2x, mature equivalent basis. There were 40,275 cows included on official DHIR test in 1983.

The President's Cup Winner for 1983 was Samson Leader Lill, bred and owned by Lake and Piepkow Farms, Olivet, Mich. Lill, Excellent-91, produced 25,250 pounds milk, 1,194 pounds fat and 888 pounds protein in 305-days at six years, three months of age. Her production was 28,010 lbs. 4.0 percent fat-corrected milk.

For the sixth consecutive year, Basil Lucy and Minnie Pansy is the Leading Living Lifetime Producer for milk and fat. The Excellent-91 cow produced 273,630 pounds milk and 13,243 pounds fat in 4,985 days. That production is equivalent to 55.9 pounds milk and 2.7 pounds fat produced per day of Pansy's milking lifetime. She is the only Jersey cow in history to complete three records over 30,000 pounds milk in 365-days. Pansy is owned by the William H. Diley Family, Canal Winchester, Ohio.

Rocky Hill Debbie Rockal, VG-88, is the second leading living lifetime producer for both milk and fat. The cow produced 261,277 pounds milk and 12,163 pounds fat in 3,470 days. Those figures give Debbie Rockal a daily average of 75.3 pounds milk and 3.5 pounds fat. She is owned by Foundation Associates, Newberry, S.C.

The top five states in the nation for milk production with five herds or more on test were:

State	No. Cows	Lbs. Milk	Lbs. Fat
Maine	862	13,744	649
Alabama	1,429	13,667	622
Washington	1,281	13,445	671
Oregon	1,427	13,390	654
Virginia	498	12,889	600

For more information on today's high producing Jerseys, contact The American Jersey Cattle Club, P.O. Box 27310, Columbus, Ohio 43227-9987, phone 614/861-3636.

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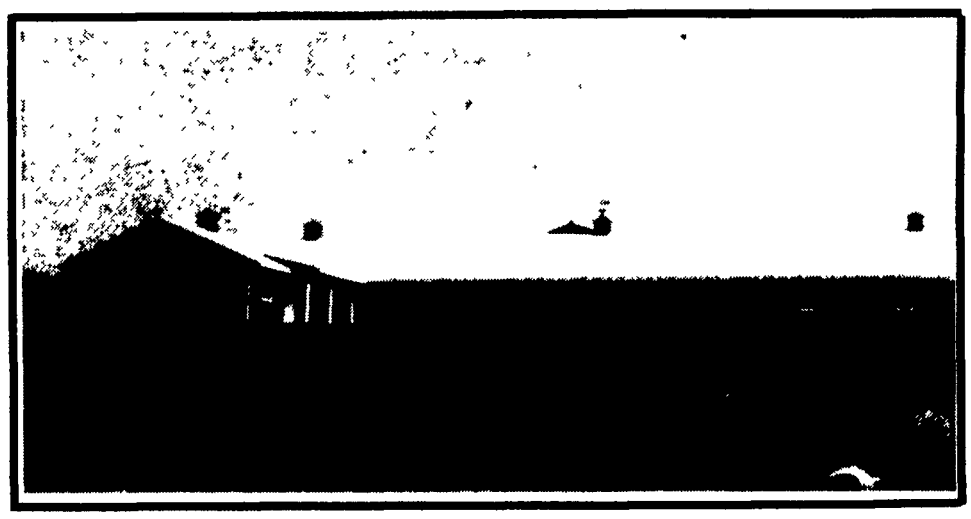

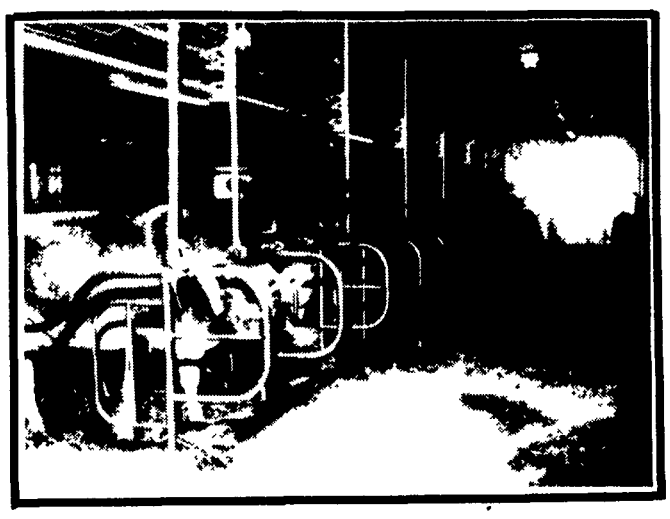

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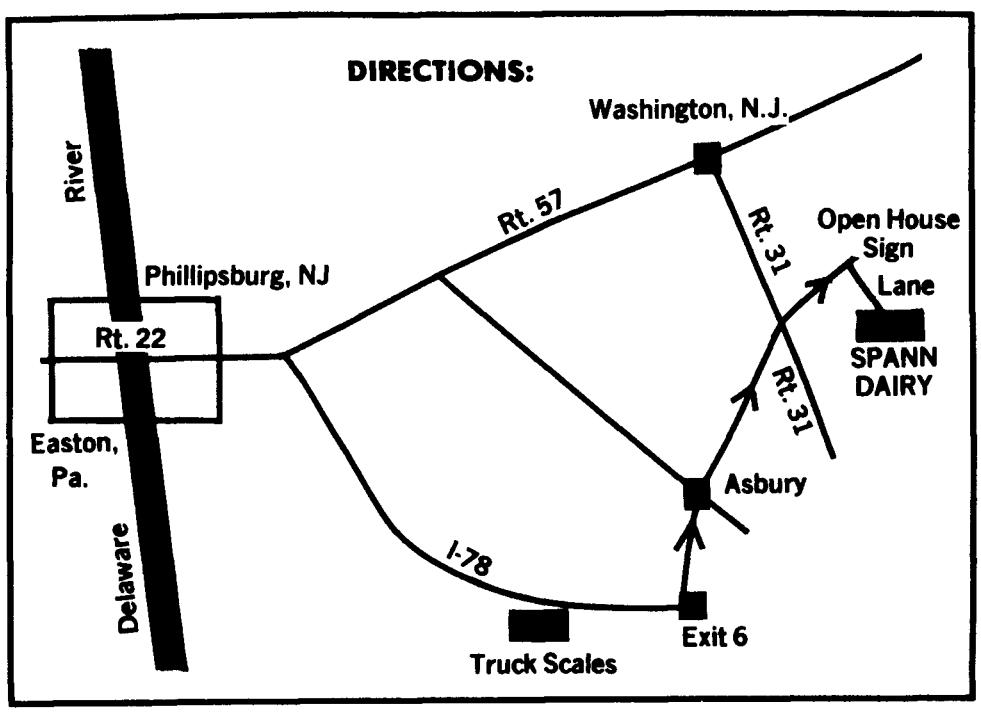

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Farmland Preservation— It's worth it

Williamsburg, Blair County

Photo by Laura England

Farm Credit names new manager

BY JACK HUBLEY

LANCASTER — Following the recent retirement of general manager Carl Brown, the Lancaster Farm Credit Associations recently welcomed Scott Owens to their Lancaster office.

As the firm's new general manager, Scott will assume responsibilities for both Production Credit and Federal Land Bank lending in the Lancaster Associations' Lancaster-Lebanon-Dauphin County area.

A native of Tioga County, Owens joined the Farm Credit System in 1970 as assistant manager of the Headwaters Associations comprising Tioga, Potter, Elk, McKean and Cameron Counties.

"When I first started with Farm Credit a 120-acre dairy farm in Tioga County would sell for $35,000 to $40,000. That same farm today is worth $150,000 to $175,000," Scott remarks.

Owens' next move was to the 16-county Northeastern Associations where he served for 11 years, being named associate manager in 1975, and associate general manager and chief operating officer in 1981.

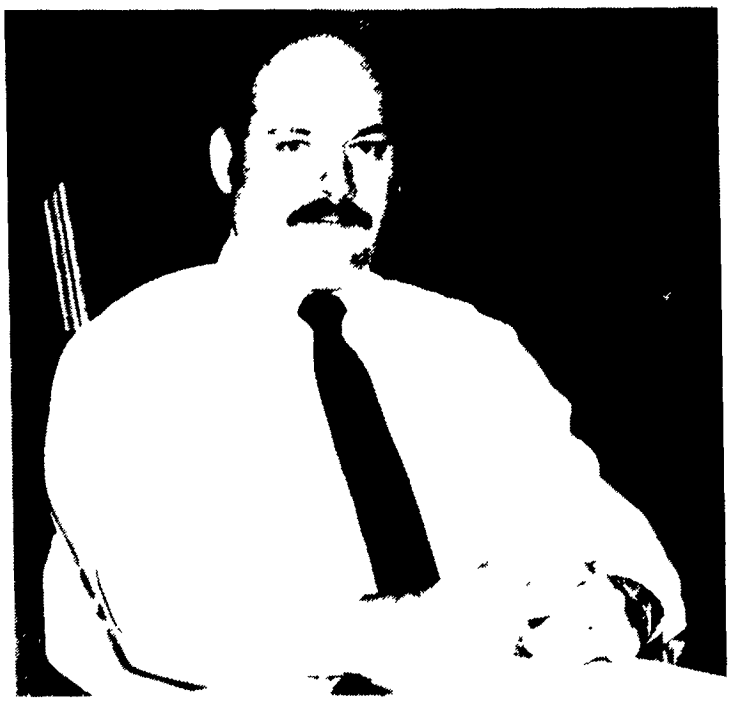
Living in Lewisburg during his tenure with the Northeastern Associations, Scott observes that production agriculture in that part of the state is very similar to the Lancaster County area. One big difference, however, is in the population density here and the much greater density of individual farm units.

"The intriguing thing to me about this area," Scott points out, "is the proximity of agriculture, industry and suburban living. In as small an area as one square mile you can see examples of all three."

One of nine Farm Credit divisions statewide, the Lancaster Associations account for the largest loan volume, and rank in the top three throughout the entire Baltimore District, which includes five eastern states and Puerto Rico. According to Owens, about 25 percent of Pennsylvania's production agriculture is located in the Lancaster Associations' area.

"I'm really excited about the move," says Scott, pointing out that he considers the chance to service the area's agriculture in this capacity to be a once-in-a-lifetime opportunity. "I think you're really challenged to perform here," he adds.

Officially assuming his position on July 1, Owens will reside in East Petersburg with his wife, Jane, and two children, Jill and Steve, ages 12 and 10, respectively.



Scott Owens has recently been appointed general manager of Farm Credit's Lancaster Associations. The Tioga County native has 14 years experience with the Farm Credit System.

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315 take annual Pa. Hort Tour in Adams

BY JUDY HULL

BIGLERVILLE — Having traveled through nearly 100 miles of orchards in two days, visitors taking part in the annual Pennsylvania Horticultural Association's summer tour concluded their activities June 26 at the Penn State Fruit Research Laboratory near here. Three-hundred and fifteen individuals representing seven states registered to take the tour this year, the first time it has been in Adams County in nearly 20 years.

The tour began Monday, June 25, from the South Mountain Fairgrounds. Riding on buses, participants traveled 90 miles on the first day and viewed the fruit growing operations of 56 local growers. Adams County fruitgrowers served as guides, presenting detailed information on nearly every orchard operation which the buses passed.

Stops at pre-determined orchard sites were made throughout the day allowing participants to view trickle irrigation systems, local nurseries, rootstocks, and fruit market operations, close-up. All visiting growers were also given a tour of the Knouse Foods plant in Orrtanna.

Monday evening the fairgrounds again served as a meeting site for the group. The Adams County Poultry Association provided a chicken barbeque dinner and Apple Queens were on hand to distribute juice. A panel composed of local growers and representatives from processing plants and research personnel answered questions.

During the session, growers discussed tree fruit varieties, trickle irrigation, rootstocks, planting techniques and 1984 production estimates for the county. Winter kill of fruit trees was also a topic for discussion. Growers differed in their opinions as to the amount of damage experienced this past year, but Kenneth Hickey of the Fruit Research Lab said according to a statewide peach survey, winter injury is a major culprit causing loss of trees in the state.

The second day of the tour began at the Biglerville lab with half of the visitors touring test plots at the lab, while the other half rode to a machinery demonstration. In the afternoon, the agenda was switched.

Test plots of apples, peaches, pears, cherries, grapes and blueberries were viewed with research personnel on hand to describe in detail the work being done. Administrative representatives from Penn State's College of Agriculture were also in attendance to meet with the visitors.

The women's auxiliary of the association had a separate schedule of events for part of the two-day tour which included a visit to the Gettysburg battlefield.

Franklin County apple queen Jill Edwards passes out sparkling apple cider to growers attending hort tour. At left is 1984 State Apple Queen Elizabeth Etter.

Personnel at the Penn State Fruit Research Lab describe studies to visiting growers.

NY dairymen reach settlement in Scheps case

SYRACUSE, N.Y. — Nineteen Southern Tier New York area dairy farmers who belong to NEDCO's Penn York and Empire Keystone Milk Producers' Cooperatives, have reached settlement in a lawsuit with the New Jersey-based International Fidelity Insurance Company, which will pay the producers $186,000 as a result of the bankruptcy of the Scheps Cheese Company, according to NEDCO General Manager Robert Forsythe.

The monies are being paid under a bond issued by the insurance company on behalf of Scheps as is required by New York law.

The 19 producers were among many whose last milkchecks from Scheps bounced prior to the bankruptcy.

The insurance company filed suit in November of 1983, in New Jersey Federal Court against the farmers and the NY Commissioner of Agriculture, claiming it did not have to pay under the bond.

NEDCO Attorney David P. O'Hara filed a counter suit for the entire amount owed under the bond. The settlement is the entire amount certified by the NY Commissioner of Agriculture under the bond.

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SALE: SATURDAY - JULY 14th - 9:00 A.M.

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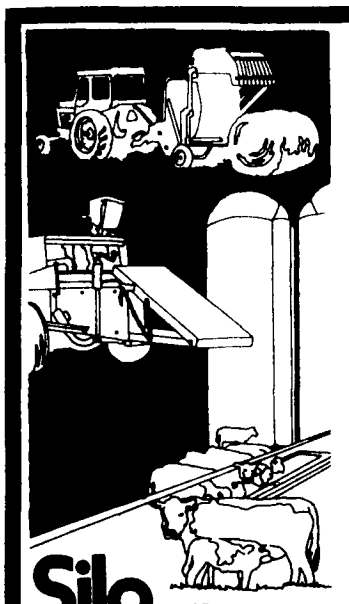

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NEMA egg show

BOSTON, Mass. — Directors of Northeast Egg Marketing Association meeting here last week enthusiastically endorsed first steps to bring a regional egg industry show to the Northeast in 1985 or before.

Atlantic City, N.J. is clearly the site of choice for the event according to information given the Board by Chris Bushway, general manager of NEMA.

"Samplings of opinion on the value of such an event to the industry, taken from producers and potential exhibitors show a very encouraging level of interest," she said.

To assist in launching the project a special committee has been named to assist her. It includes Al Wenger, of Rheems, Pa., chairman, Boyce Overstreet of Lakewood, N.J., David Baker of Middletown, Del. and Meyer Kaplan of Glen Wild, N.Y..

With Atlantic City as the focal point, it was felt that the show would be easily accessible from any point in the Northeast and would offer top-flight facilities for service to producers and exhibitors.

Ed Houston of Lumber City, Ga., chairman of American Egg Board, provided the Board with an outline of progress made in structuring some changes in the national promotion organization. Houston says that he is already seeing dividends from moves made to put what is termed "movers and doers" on AEB key committees. There has been a reaching out by AEB to all industry organizations to overcome what he termed may have been a feeling that they were "on the outside–looking in" as far as AEB was concerned. Houston said he will not rest until everyone in the industry senses that their input to AEB is welcome and that its merits will be properly considered.

Houston commended Seaboard Foods, of Lakewood, N.J., for initial efforts to rally support for a National Egg Cooking Contest and now that this project has been named a priority objective of AEB he intends to do everything possible to guarantee it a fast track.

The Nema Board then had the opportunity to hear Boyce Overstreet describe plans the A.E.B. Chicken Cooking Contest Committee has for all areas of the country. There will be an adult contest and a contest targeted at home economics high school classes across the country.

The thought was expressed that such a national effort, aside from its direct stimulus to egg consumption, could be a means of building more cohesiveness in the egg industry.

In other business the Board heard reports that NEMA has had success in dealing with its own budgetary problems brought on by A-I.

Pennsylvania directors Jay Greider and John Snader briefed the Board on what, it is hoped, will be the final phases of the quarantine problem in the Lancaster area. They said that producers in the region will be counseling together on what they feel is reasonable, from the producer viewpoint, as regards any course of action the authorities may take in lifting the quarantine.

The point was raised, that when producer consensus is reached, NEMA might expect to be asked to give its support to the position that evolves. A good part of the meeting was occupied with discussion on how the UEP Marketing Order Committee and the All-Industry Task Force may meet any obligation to provide information to producers on the referendum choices they may one day have to make.

ESTATE SALE

OF REAL ESTATE, FARM MACHINERY & FAIR STOCK

SATURDAY, JULY 14, 1984

12 Noon Sharp

The undersigned, administrator of the Estate of Harvey J. Stake, deceased, will sell at the farm, located 47 miles west of Harrisburg, and 1.2 miles from Port Royal, Juniata County, Pa., real estate, farm machinery and fair stock.

Farm is located in Milford Township, Junita County. Take Route 333 West from Port Royal, turn on Lions Club Park Road (LR34063), 7/10 of a mile to sale.

REAL ESTATE TO BE SOLD AT 1 P.M. SHARP

TRACT NUMBER 1: Known as the Harvey Stake farm, 90 acres more or less, majority tillable. With two story frame house and outbuildings, most in need of repair. Stream runs through northwest corner of property.

The property borders the Tuscarora Creek on the south side and hard top road on the other. Farm has been idle for some time, but has the potential for some of the best producing land in the area.

TRACT NUMBER 2: 36.50 acres woodland, 217.8 feet hard road frontage.

TRACT NUMBER 3: 36.51 acres woodland, 60 feet hard road frontage.

PLEASE NOTE: Both Tracts 2 and 3 contain good average amount of saw timer and good young growth of timber. No timber has been cut off either tract since the late 1950s. Located on the Herringbone Ridge, both tracts have excellent hunting locations. Recent survey of woodland.

TERMS OF REAL ESTATE: Tract 1 will be offered as one unit. Tracts 2 and 3 will be offered separately and then together, making a total fo 73.1 acres.

Tract Number 1: 10% down at knock off, balance in 30 days.

Tracts 2 and 3: 20% down at knock off, balance in 30 days. Other terms day of sale.

FOR INSPECTION: For appointment to inspect real estate, contact auctioneer or call 717-527-2381 or 527-4584.

Two Shares of Juniata County Agricultural Society Stock will be sold immediately BEFORE Real Estate.

FARM MACHINERY & RELATED ITEMS 12:00 NOON

Farmall Super A with 2x12" plow and 1x14" plow; Farmall BN with cultivators; N.I. 12A manure spreader; IH 9 mower; Int. 30 running gear with Little Giant grain box; N.H. 66 baler with motor, poor cond.; N.I. 44 hay rake; McCormick 2 row corn planter; drag disc; single roll cultipacker; 2 bottom trail plow; flatbed wagon; 11 hoe drill; Clipper seed cleaner; buck saw; feed boxes; platform scales; wagon load of misc. farm items.

TERMS OF FARM MACHINERY: CASH

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PUBLIC SALE

THURSDAY, JULY 26, 1984

10:30 A.M.

Three miles west of Williamsburg, 20 miles east of Altoona, one mile off Route 866, 1½ miles south of Ganister along Lower Piney Creek Road, Blair County, Pa., at the Eli H. Rhodes Farm.

COMPLETE LIQUIDATION OF HOLSTEIN DAIRY HERD AND MILKING EQUIPMENT

120 Head High Grade Holstein Dairy Cattle - 75 Milking Age Cows

• 15 to freshen through July • 8 through August • 15 through September • Balance periodically bred. Details given at time of sale.

45 Holstein Heifers

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Pregnancy checked; individual health charts given day of sale.

DAIRY EQUIPMENT

Mueller 1000 gal. OH bulk tank, 4 HP preheater and dual cooling plates, automatic washer; DV 300 milker with 4 units and 5 hp pump (6 hp capacity), double stainless steel wash tubs, feed cart, 2 port. round bale feeders, 4 metal feed troughs, 9 stall calf hutch, 75 rope halters, 80-gal. elec. water heater, water softener.

Dairy equipment to be sold at 10:30, Cattle sale starts at 11:30.

In case of rain will be held under cover. Lunch by Fairview Church of the Brethren.

TERMS: Cash or check with proper ID.

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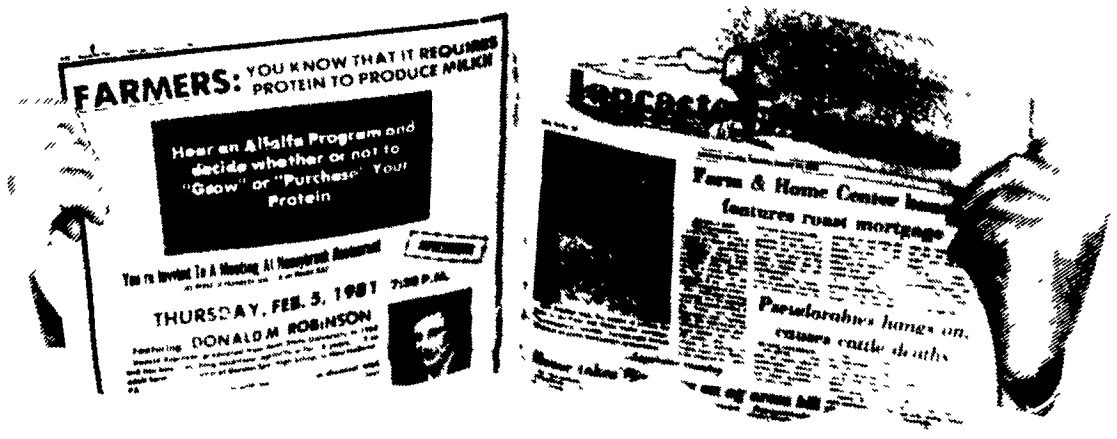
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Look into Futures

By Peter D. Forbes

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Grains

The recent price action in the grain markets simply shows us how much pressure the seasonal trend can have on the market. It was only two weeks ago that we were looking at contract highs in the November soybeans at 7.71 bu. and 8 month high in the December corn at 3.17. How quickly a little bit of rain can send the prices tumbling.

Currently we are looking at contract lows of 6.61 in November soybeans being broken with the price settling on Thursday at 6.53 ¾. Likewise, in the new crop corn the recent more favorable weather forecasts have dropped that contract's price to 2.94.

Most of the pressure in the markets can be attributed to current weather and weather forecasts in the central corn belt and also to pressure from outside markets like metals, bonds and currencies.

The most recent weather forecasts indicate the major grain growing areas will experience cooler temperatures and more norman rainfall over the next two weeks. This time frame takes us into the beginning of the critical pollination stage for corn, which this year should begin around July 15 to August 6. Until we see some threat to the crop during this critical period, the market should remain under pressure.

A major factor in the recent decline in grain prices is due to the outside markets. Many farmers and grain operators are generally not aware of the significance of currency, bonds and metals. Metals tend to be a very good indicator of inflationary pressures in the market. Recently metals such as silver, gold and copper have been making new contract lows, indicating a very deflationary trend to the commodity markets. This ultimately must pressure the inflation sensitive grain markets.

Bond prices are a direct reflection of interest rates. As current interest rates go up, traders must discount the price of their current bond holdings to "mark them to the market". As interest rates increase, the cost of holding physical commodities also increases thereby creating selling pressure on the physicals market, i.e. grain.

Currency prices are a direct reflection of the relative strength of the U.S. dollar in the world market. Recently the many major international currencies such as the Swiss frank, British pound, Canadian dollar, German mark and Japanese yen have all been making new contract lows. What this simply means is that foreign buyers have less purchasing power for American goods than at any time in the last 18 months. Since grain prices are very dependent on large expert activity, the current strength of the dollar is certainly responsible for much of the pressure on grain prices.

However, the bullish fundamentals in the grains can not be overlooked. We are entering this crop year with one of the tightest levels of carry over stocks in history. Any threat to the current crop will cause trading to be very volatile. It seems that as it stands right now, the majority of the U.S. crop in corn and soybeans looks very good. With moderating weather and adequate subsoil moisture levels, indications are for a normal pollination period. Based on what we have planted, and the very favorable conditions that seem to be developing, some market analysts are calling for an 8 billion bushel corn crop and a 2 billion bushel soybean crop. This will make the market feel very comfortable.

Livestock

Many traders are comparing the current hog market to that of 1982 with prospects for a very strong summer rally. Currently the hog market is under a great deal of pressure for several reasons. Packers are losing money on every hog they slaughter and they are showing great unwillingness to bid up the prices for current market hogs.

Adding to this pressure on the park products market, is the heavy inventory of frozen bellies in storage. The latest USDA report showed that as of May 31st there were 128 million pounds in storage compared to 65 million a year ago. This is the second highest level since 1962. Adding to this bearish scenario is the heavy increases in poultry production that has been evident since the abatement of the Avian Flu problem in the east. Also lending weakness to the back months in the livestock is the current weakness in new crop grains — the logic being weakening grain prices will mean greater hog expansion and marketing early next year.

However, the market analysts who are most bullish on the pork complex point to several factors that could contribute to a summer rally. They indicate that as slaughter continues to decline in hogs, supplies of pork products in storage will be quickly cleaned up. These people are calling for bellies to rally up above 85.00 late this summer and hogs to make attempts at contract highs (i.e. 58.00 for October hogs). They also noted that the strong up trend that has developed in the cattle market will lend underlying strength to the pork complex.

Milk security bill now in Thornburgh's hands

HARRISBURG — A bill is now in the hands of the Governor which would establish a "Milk Producers' Security Act" in order to better provide for prompt payment by milk dealers to milk producers.

The House this week concurred in Senate amendments to House Bill 1969, sponsored by state Rep. Samuel Morris, D-Chester, thus clearing the way for the Governor's signature. The bill had originally passed the House unanimously on May 15.

The bill would establish a security fund, provide for processing of claims by milk producers and provide for alternative methods through which milk dealers may protect their producers against default of payment or bankruptcy.

Senate amendments changed the definition of "milk" to include only "fluid milk sold to a dealer from a producer;" clarified bond surely provisions; added language providing that the security fund shall be a security trust for the exclusive benefit of milk producers who supply the dealers paying into the fund; and prohibited those applying for a new dealer's license, or a renewed or re-instated license, from doing so if he or she has been convicted of a felony within five years or less of application.

According to Morris, "the milk security law now in effect bill has not provided adequate protection up to this point as evidenced by a series of severe defaults and bankruptcies in the dairy industry. This bill is intended to provide that additional protection."

Dairy goat field day set

MANHEIM — A dairy goat field day is scheduled for next Saturday, July 14 from 1 p.m. to 4 p.m. at Jacob Fisher's Windy Hill Goat Dairy, Manheim. Anyone interested in dairy goats is invited to attend.

The afternoon program will include a tour of Windy Hill Goat Dairy. A variety of management practices will be demonstrated. Milking, milk handling and mastitis will be discussed. People are invited to bring samples of good and poor hays, and weeds they suspect might be poisonous.

Educational materials will be displayed and distributed. People are also invited to bring samples of dairy goat products and recipes. It should be an afternoon of good fellowship and an opportunity to learn more about dairy goats.

Fishers are located at Bucknoll and Holly Tree Roads, south of Manheim and east of Route 72.

PUBLIC AUCTION
SATURDAY, JULY 21, 1984
9:30 A.M.
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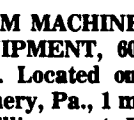

PUBLIC AUCTION

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Starting 7:30 P.M. w/Machinery

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6:30 P.M.

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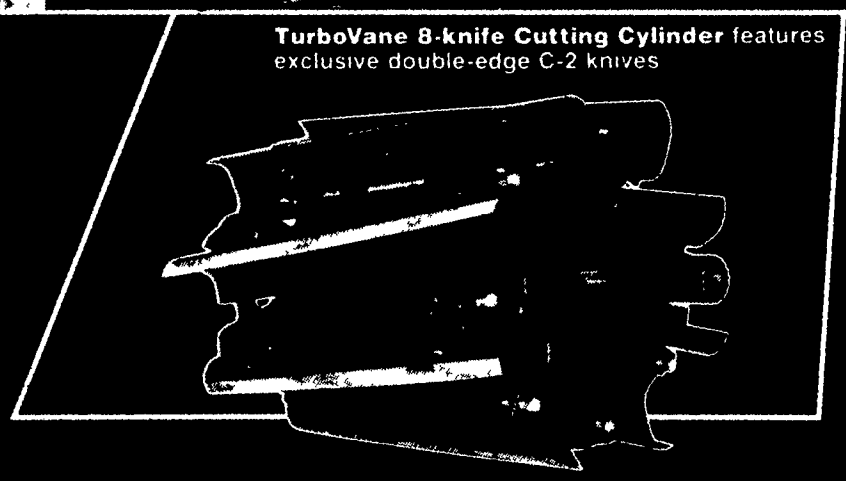

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HESSTON FARM EQUIPMENT

The PRIME LINE

Guesthouse welcomes visitors to Lancaster County farm

BY SALLY BAIR
Staff Correspondent

MANHEIM — Watching cows being milked or calves being born does not sound like the experiences of the average tourist in Lancaster County. But for those who visit the Earl N. Landis family guest house on their dairy farm near East Petersburg, the activities and sounds of farm are part of the vacation. And guests keep coming back for more.

Earl and Evelyn first opened the home for tourists in 1977, and after a slow period, business has picked up so that the only open dates on the summer calendar are those when the family plans to go on its own vacation.

The guest house dates to the late 1700's as does the main farm house, and although no one knows for sure, the Landises assume that it was originally a "grandmother's house," so it has simply been restored to what it once was.

It served many purposes since it was built, but most recently was the Landis' garage including a garage door built in one end. When they decided to renovate the house in 1975, they restored the wall to its original condition, and as they worked on the interior, they found original paint and other features which they incorporated into their guest house.

The house is fully air conditioned and heated, so the only months which are really slow with reservations are January and February.

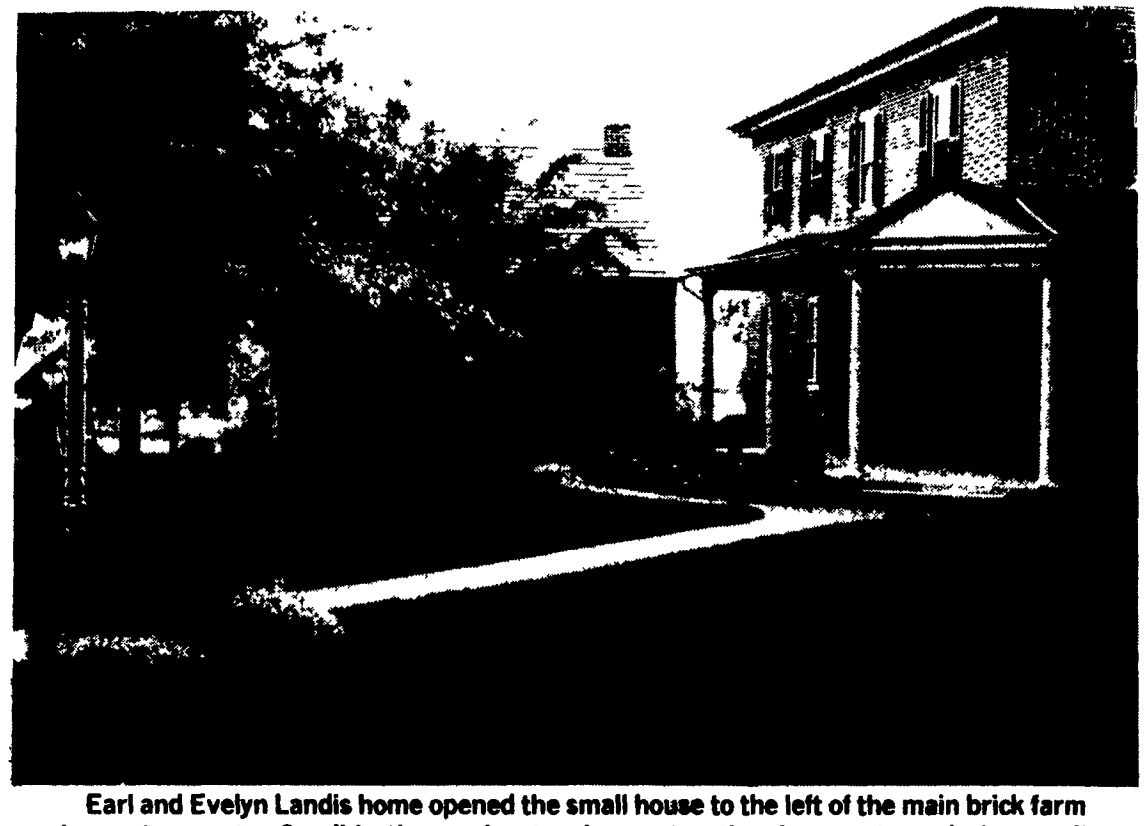
Evelyn explained, "We don't get your normal run of tourists. We get many families who are looking for something other than a motel. A lot of them have never stayed on a farm."

Because this is a first for so many, Evelyn gets lots of questions when she handles the phone reservations. She said she tries to allay any fears the visitors may have.

Once guests arrive at the farm, located just a mile from Route 283, they are welcomed with the visual treat of an immaculate lawn and flower beds, and with genuine warmth from members of the Landis family. The stone guest house stands invitingly next to the brick farm house with wide porches.

Most of the guests are "excited about everything," Evelyn says. Usually, though, it is the women who make an effort to get up to see the morning milking, and they are also the most interested in trekking to the barn in the middle of the night if there is an impending birth.

To accommodate visitors, Evelyn says they try to be aware of how guests see things, and she adds, "We try to keep things cleaned up." But the farm is a working farm, and milking, field work and other chores must go on daily.



Earl and Evelyn Landis home opened the small house to the left of the main brick farm home to guests. Sandblasting and extensive restoration have returned the small "grandmother's" house to its former beauty and warmth and offers a respite to visitors from outside the area. The immaculate landscaping offers a tempting welcome as guests drive onto the farm.

The Landises try to educate while they go about their routine, and welcome guests into the barns to see how milk is produced - a first for most of the city or surburban-born guests.

"We let them try to milk a cow. Some people see it once and that's it. Others like to see it over and over. A lot of people say their grandparents had a farm, and so enjoy visiting one now, "Evelyn relates.

After seven years Earl says the animals are accustomed to the visitors and don't seem ill at ease. When visitors wish to milk a cow; however, Earl says they do choose "nice cows."

Earl manages a 53 cow herd, averaging 17,400 pounds of milk. "Most people are glad to see how the milk gets into the tank," Earl states. "They are surprised to see how much a cow eats."

When they began the business, Evelyn said she talked to others with experience who gave some advice. Their first step was placing brochures with the Tourist Bureau and the Mennonite Information Center. Now they also pay to be listed in a Pat Dickerson directory called "Farm, Ranch and Country Vacations." And now, many visitors are repeators or ones who have learned of the farm through friends.

Evelyn says it is difficult to pinpoint the average length of stay because it varies so widely. Some stay two to three days, some for a weekend, and some for a week.

The visitors come from as far as California, but the majority are from the East coast, with many from New Jersey, Washington, D.C., and Philadelphia.

The small house offers not only

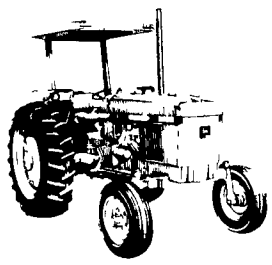
(Turn to Page B4)

Evelyn Landis straightens the quilt on one of the beds in the guest house adjacent to their brick farm home near East Petersburg. The Landis family has been welcoming tourists to the house since 1977.

Evelyn Landis handles most of the reservations, and often does it at this desk in the family room of their spacious farm home. The reservation book is filled for the summer, but dates are being reserved for fall and winter. Guests come from all over the country, but primarily from the eastern seaboard.

A fully-equipped kitchen offers guests the opportunity to do their own cooking while spending time in Lancaster County. The close proximity to local farm markets gives them the chance to taste Lancaster County's produce at its freshest.

Homestead Notes



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Guesthouse

(Continued from Page B2)

modern living, but also the beauty of a 200-year-old home. There is a fully-equipped modern kitchen, and Evelyn remarks that it must have what people need because she rarely gets requests for other utensils.

Many people do enjoy cooking during their stay, especially breakfasts, and some cook three meals daily. Evelyn said she advises guests on local grocery stores, but also encourages them to visit Rutts Market if they are there on market day since it is close and offers a taste of locally-grown food.

The guest house also has a walk-in fireplace, with wooden doors and frame. Although it is used occasionally for a Landis family get together, they do not allow guests to use it for safety reasons.

The entrance door to the house is an "Indian door," featuring a wooden panel that can be raised over the glass panes in case of an Indian attack. There is a similar door on the basement of the farm house.

The upstairs has two bedrooms, each with double beds, and a bath. The beds are covered with quilts, and with the board floors and Williamsburg colors, it reflects an appropriate colonial atmosphere.

From the living room windows, visitors can look across part of the 87-acre farm, and since it is located along a little used road, there is plenty of privacy and open space for walks in the country.

Although it is not located in the heart of "tourist country," the farm's easy access to Route 283 makes it convenient for visitors who wish to see the surrounding countryside during their stay.

When asked how she decides where to advise tourists to visit, Evelyn responds, "It depends on what they want to learn." Because she gets asked for advice so often, Evelyn and her family have taken advantage of Lancaster county Hospitality Days to visit local attractions. "I've visited more of them than most people," she says with a smile.

Of course a large dividend for the family is the opportunity to make friends from around the country. "We could visit in every state," Evelyn says, referring to the many invitations they have had.

All the children enjoy the guests, but it is six-year-old Gary who probably spends the most time with them. "He shows them around," Evelyn says. "The girls used to do that but they are usually not available." The girls include Marilyn, 17, and Deb, 15. Both have penpals all around the country and hope some day to visit some of the friends they have made.

Ten-year-old Marvin says he enjoys making friends with their visitors and particularly enjoys playing with them in the hay when there is time.

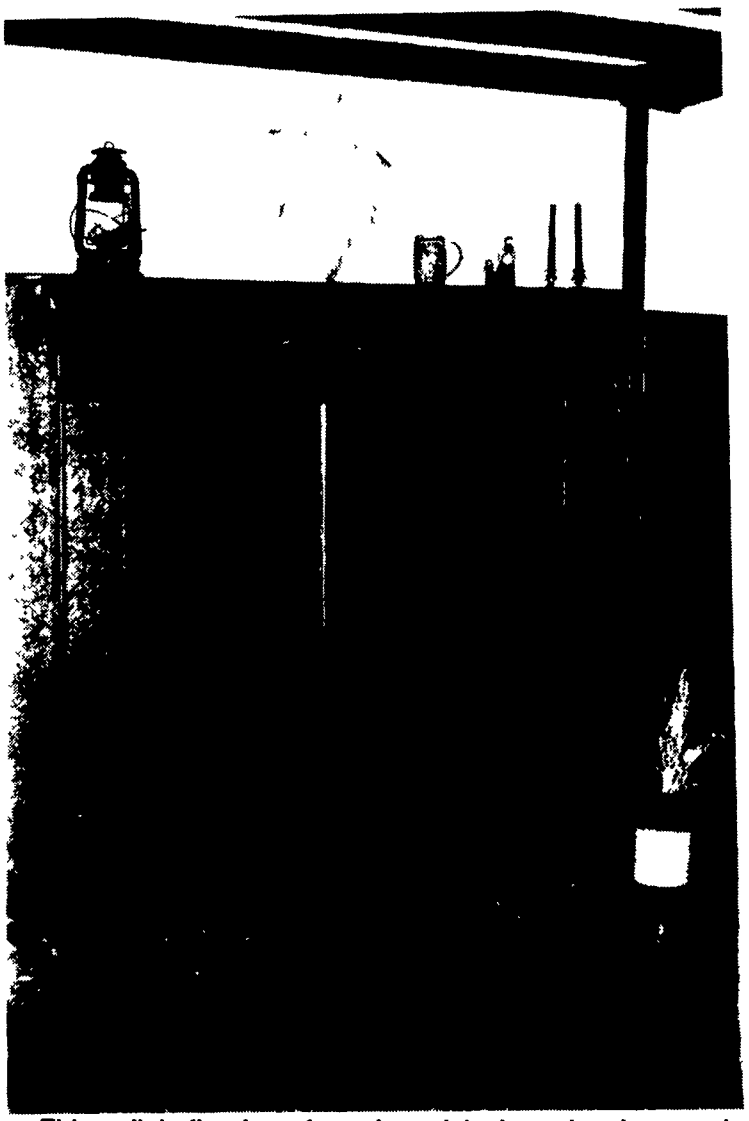
Of course, having a steady stream of visitors means a lot of extra housework, but Evelyn says she and the children manage it. "It's not hard cleaning." Checkout time is 11 a.m. and check-in time is 1 p.m., so it sometimes means a limited time to get it sparkling for new visitors.

"You learn as you go as far as handling guests," says Evelyn, who does most of the reservations. As on any farm, she does a fair share of gardening and freezing, and says that between 5 and 6 p.m. is a good time to find her in the house.

Both her own home and her guest house display samples of the crafts which Evelyn enjoys making as time allows. She has made many of the folded stars which are popular, having some framed by Earl in tobacco lathe frames. She has even sold a few of her crafts to guests on request.

Basically, Evelyn and Earl like to make their guests feel at home and welcome. They do not plan activities around the guests, but do invite them to participate in some family activities, including attending the East Petersburg Mennonite Church with them on Sunday, if the guests are interested.

Opening the guest house has proved to be a rewarding experience for the Landis family. As their love of farming and their rural way of life creates a deeper understanding of agriculture in their guests, the benefit reaches out to the entire community.



This walk-in fireplace, featuring original wooden doors and mantel, is the focal point of the living room of the guest house on the Landis farm. From the windows, guests can look out on tranquil pastures and fields, giving them the true flavor of Lancaster County agriculture.

Six-year-old Gray opens the door to welcome visitors to the Landis guest house. The Indian door is unique in that it has a heavy wooden panel which can be raised over the glass panes in case of Indian attack - a precaution any tourist is sure to welcome on a visit to the county!

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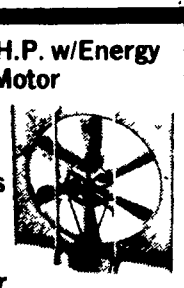

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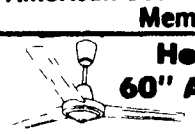

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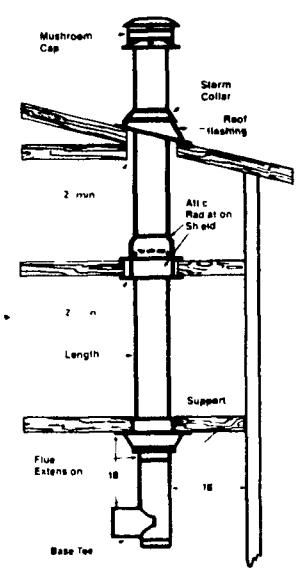

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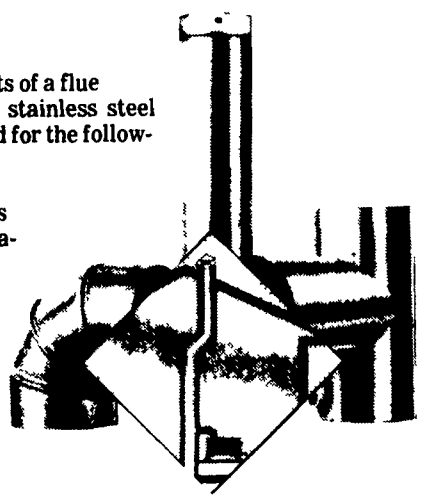

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Wash Down-Filled Garments With Care

Are you aware that down-filled garments can be washed as well as dry cleaned? If you have never washed a down-filled garment, please read and follow the following directions carefully.

When washing a down-filled garment use warm water, and a mild soap. Never use hot water.

You can wash the item by hand or in your automatic washing machine on the delicate cycle. Which ever method you use, submerge the garment, then squeeze it for several minutes to make certain all the air has been pushed out. Handle the garment with tender loving care. Never wring or twist it.

Proper rinsing is very important. Any soap or detergent not rinsed out will cause the down to clump together and will reduce its insulating ability. The weight of wet filling can strain or tear seams and even force the down through the fabric. Lift it out of the wash tub or washer very carefully.

The easiest way to dry your down garment is in a dryer. Use a medium heat setting. Add two or three clean bath towels to absorb moisture and a clean pair of tennis shoes to break up the clumps of down as the dryer rotates. It will probably take several cycles to dry the garment completely.

Be certain there is no moisture left in the garment. Down can mildew if it stays damp for too long.

You can also dry a down garment outdoors on a warm, dry day. Drape it over several drying lines to evenly distribute the weight. Check frequently and fluff the matted clumbs with your fingers. Total drying time may take several days depending on the humidity.

How To Clean Nonstick Surfaces

There are three new formulas known to be effective in removing stains from nonstick surfaces. Use any one of the following solutions:

One-fourth cup coffee pot cleaner in one quart of water; or three tablespoons oxygen bleach, one teaspoon light duty liquid detergent (used for hand dishwashing) in one cup of water; or three tablespoons dishwasher detergent in one cup of water.

Place one of the above solutions in the stained pan. Place the pan on your range. Bring the solution to the boiling point, lower heat and allow solution to simmer for 15 to 20 minutes. Wash the pan thoroughly, rinse and dry. Recondition pan before using by rubbing nonstick surface with cooking oil.

Avoid Food Poisoning

Summer is a time of family picnics and outdoor fun. Keep your food safe! Food poisoning is very uncomfortable and can be serious. It is usually caused by germs allowed to multiply in warmth and favorable culture. Foods most likely to be affected by bacterium are perishables like potato salad, fruit salads with whipped cream, milk, puddings and custards, white sauces, sandwich spreads, and meat and fish sandwiches.

Keep hot foods hot (above 140° F.) and cold foods cold (below 40°F). Refrigerate foods immediately after meals in shallow containers to speed the cooling process. Do not allow foods to cool at room temperature before you refrigerate them.

Unclean hands or untensils may intensify the problem of food poisoning. Anyone or anything that comes in contact with your food should be clean.

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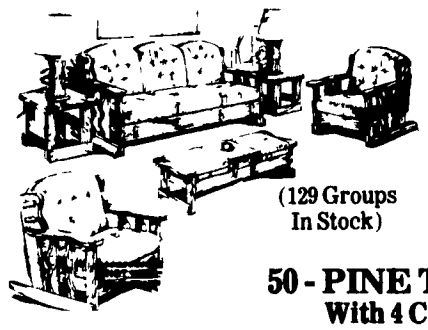

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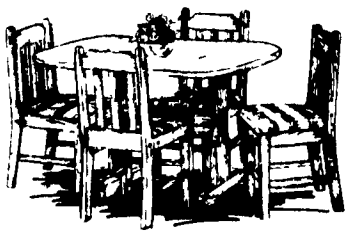

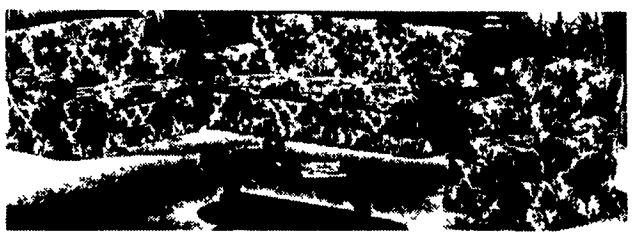

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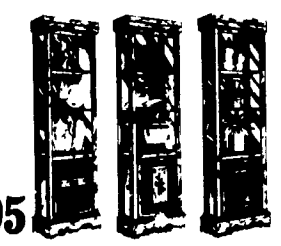

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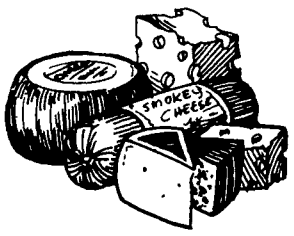
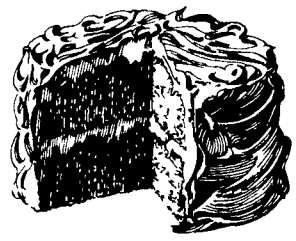


Home On The Range



Outdoor barbecues brighten summer days

If the smell of freshly-mowed grass and the kiss of warm, summer breezes beckon you from the hot, stuffy kitchen, your meals do not have to suffer. In fact, meals made outdoors are probably more fun to prepare and taste better than almost anything prepared in your conventional oven.

A wide variety of recipes confront the outdoor chef, so have a good time selecting one or two that you think will tempt your family. With a little encouragement, your husband might volunteer to man the grill, giving you more time prepare a new salad recipe or to add a special touch to your table setting.

Whatever you decide to prepare, be sure to savor the pleasure of eating under the big shade tree while the birds provide summertime dinner music.

CRISP SALAD BOWL

16 carrot curls
2 oranges, sectioned
¼ pound raw spinach leaves, broken
Celery leaves from 1 stick of celery
French dressing

Combine all ingredients. Toss lightly. Add some French dressing and toss. Serves 4-5.

Betty Biehl
Mertztown

BARBECUED STUFFED FISH

8 to 10-pound fish, cleaned
Salt
Pepper
Garden Vegetable Stuffing
Salad oil
½ cup butter or margarine, melted
¼ cup lemon juice

Wash fish quickly in cold water and pat dry. Rub cavity with salt and pepper; stuff with Garden Vegetable Stuffing. Close opening with skewers and lace with string, . Brush fish with salad oil.

Place fish in wire basket 4 to 6 inches from medium coals. Cook 45 minutes or until fish flakes easily with fork, turning 3 times and basting with mixture of butter and lemon juice. 10 to 12 servings.

GARDEN VEGETABLE STUFFING

1 cup finely chopped onion
¼ cup butter or margarine
2 cups dry bread cubes
1 cup coarsely shredded carrot
1 cup cut-up mushrooms
½ cup snipped parsley
1½ tablespoons lemon juice
1 egg
1 clove garlic, minced
2 teaspoons salt
¼ teaspoon marjoram leaves
¼ teaspoon pepper

Cook and stir onion in butter until onion is tender. Lightly mix in remaining ingredients.

STUFFED PEARS SALAD

Peel very thinly 1 whole pear per person, leaving stem on. Dip in lemon juice. Core out center from bottom and fill cavity with softened cream cheese mixed with chopped walnut. Put in refrigerator and chill thoroughly. Serve on a bed of lettuce or watercress with mint dressing.

MINT DRESSING

¼ cup vinegar
Little salt and pepper
½ teaspoon dry mustard
2 teaspoons Worcestershire Sauce
¾ cup salad oil
Dash tobasco
⅓ cup chili sauce
½ cup finely-chopped fresh mint

Mix thoroughly the first 7 ingredients. Add chili sauce and mint. Shake just before serving.

Betty Biehl
Mertztown

LEMON AND SPICE BEEF STEAKS

1 or 2 beef blade steaks, cut ½ to ¾-inch thick
⅔ cup lemon juice
½ cup water
1 tablespoon oil
1 tablespoon sugar
1½ teaspoons salt
1 teaspoon thyme
¼ teaspoon garlic powder
Citrus Prune Kabobs

Combine lemon juice, water, oil, sugar, salt, thyme and garlic powder in a small saucepan and cook slowly for 5 minutes. Cool. Place steaks in utility dish or plastic bag and pour marinade over them, turning to coat. Cover dish or tie bag securely and marinate in refrigerator for 6 hours or overnight, turning at least once. Remove steaks from marinade and place on grill so surface of meat is 4 inches from heat. Broil at moderate temperature 7 to 10 minutes on each side, depending upon degree of doneness desired.

Brush steaks with marinade occasionally while broiling. 3-6 servings.

CITRUS PRUNE KABOBS

16 pitted prunes
2 oranges, halved and cut in wedges
1 lemon, cut in wedges

Alternately thread prunes and wedges of citrus fruit on skewers. Brush with marinade and broil 8 to 10 minutes, turning and brushing with steak marinade frequently. Serve with Lemon and Spice Beef Steaks.

Twist a strip of bacon around a hotdog stuffed with a variety of fillings for a new way to prepare an old favorite.

BACON-WRAPPED FRANKS

For each serving, fry 1 slice bacon 2 minutes on each side. Split 1 frankfurter lengthwise, not cutting completely through. Place one of the fillings below in the cut.

APPLE-CHESE: 3 slices unpared apple and 1 strip process American cheese.
PEANUT BUTTER: Crunchy peanut butter or peanut butter and salted peanuts.
ORANGE: 3 mandarin orange segments.
MELON: 3 canteloupe or honeydew balls or 1 melon wedge.
ONION: 1 green onion and a dill pickle slice.
SAVORY STUFFING: Mix ⅓ cup chopped sweet pickle, 1 slice bacon, crisply fried and crumbled, and 2 cups dry herbed stuffing mix prepared as directed on package. Enough for 8 frankfurters.

Wrap each frankfurter with bacon; secure with wooden pics. Place on grill 4 inches from medium coals. Cook 12 to 15 minutes, turning frequently.

GAME HENS ON A SPIT

4 Rock Cornish hens (about 1 pound each)
2 teaspoons salt
½ cup butter or margarine, melted
Paprika
1 8¾-ounce can pitted dark sweet cherries, drained
1 teaspoon cornstarch
Pinch of salt
¼ cup orange marmalade
3 tablespoons brandy or mandarin orange syrup
1 11-ounce can mandarin orange segments, drained

Wash hens and pat dry. Rub cavity of each with ½ teaspoon salt. Fasten neck skin to back with skewer. Flatten wings over breast; tie with string. Tie drumsticks to tail. Insert spit rod through center of birds from side to side; secure each with holding forks. Check balance by rotating spit in palms of hands. Brush hens with butter; sprinkle with paprika.

Arrange medium-hot coals at back of firebox; place foil drip pan under spit area. Cook hens on rotisserie for 1 to 1½ hours, brushing frequently with butter.

Blend reserved cherry syrup, the cornstarch and salt; stir in orange marmalade. Cook, stirring constantly, until mixture thickens and boils. Boil and stir 1 minute. Stir in brandy, cherries and orange segments; heat through. Spoon fruited sauce over hens; serve any additional sauce separately. 4 servings.

(Turn to Page B8)

Filled with Garden Vegetable Stuffing, this fish makes a tasty dinner.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. You can send your recipes to Sue Keene at Lancaster Farming, P.O Box 366, Lititz, PA 17543.

July	
14	Vegetable dips, spreads and sauces
21	Fun with fruit
28	July is Beef Month

Featured Recipe

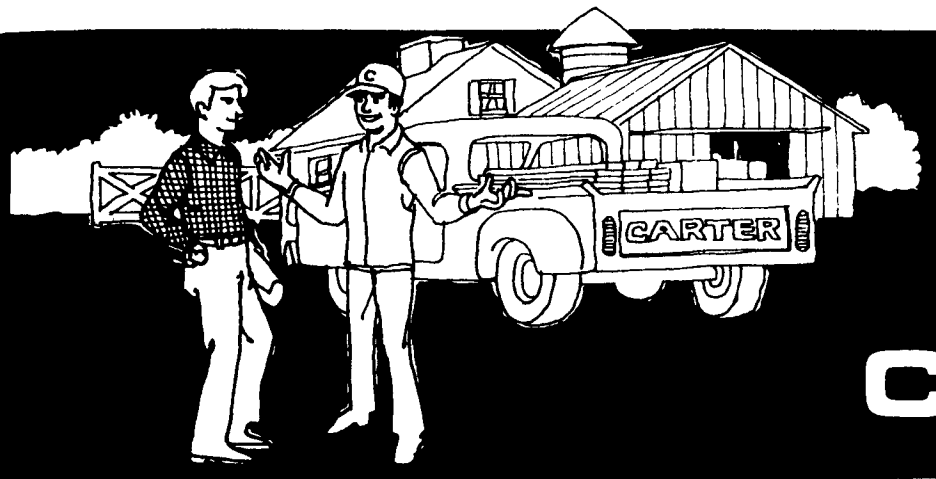
This week's featured recipe comes from Michelle Rodgers, a home economist with the Lancaster extension. Michelle has been experimenting with low-sugar jelly and jam, and with reduced sugar canning.

The no-sugar grape jelly recipe below uses Mrs. Wages Home Jell Light and has "a really nice texture," Michelle said. To learn more about canning and making jelly with less sugar, see the story about it in this section.

Grape Jelly

4 cups unsweetened grape juice - fresh or frozen
1 box Mrs. Wages Home Jell Light
24 packets "Equal"

Combine juice and pectin in large saucepan. Let stand 10 minutes. Bring to a boil. Boil hard one minute. Remove from heat, add artificial sweetner, stir to dissolve. Fill into sterilized jars. And prepared lids. Process in boiling water for 5 minutes. Cool. May take several hours to set. Don't worry!



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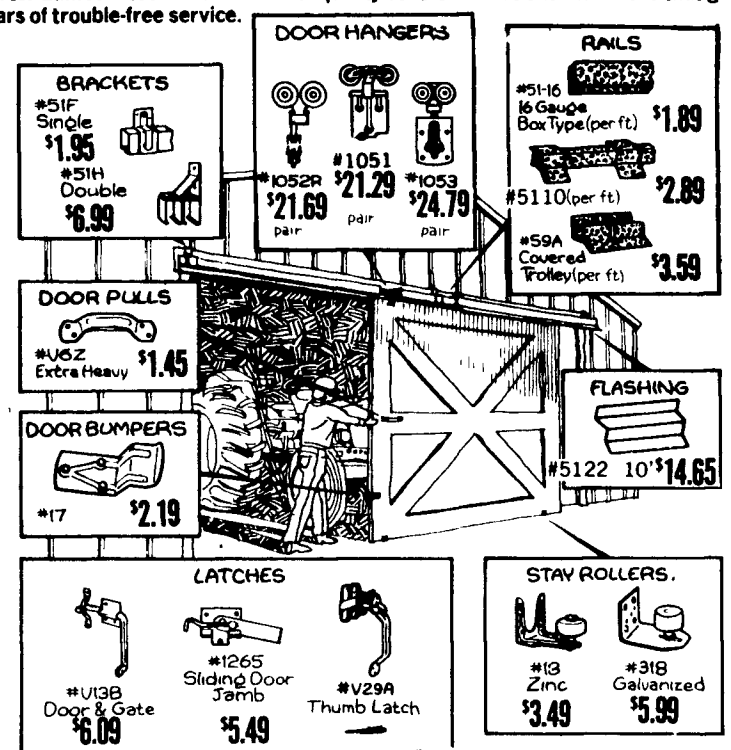

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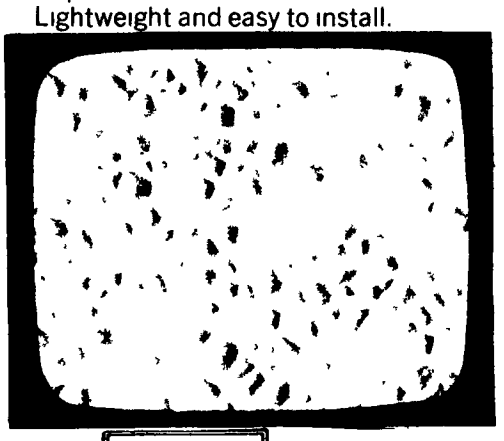

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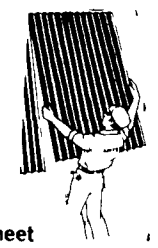

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CARTER 1984

Outdoor barbecues

(Continued from Page B6)

BARBECUED LAMB LEG

¾ leg of lamb
1 teaspoon whole cloves
¼ cup salad oil
2 tablespoons dill pickle liquid
⅓ cup firmly-packed brown sugar
¼ cup finely chopped dill pickles
1 teaspoon salt
½ teaspoon allspice

Stud leg with cloves. Place lamb on rack in shallow pan in oven or electric rotisserie unit. Insert meat thermometer and roast at 325°F. for approximately 2½ hours or to desired degree of doneness. Baste frequently with sauce while cooking.

HONEY LAMB SPARERIBS

4 pounds lamb spareribs
½ cup catsup
¼ cup honey
¼ cup soy sauce
¼ cup lemon juice

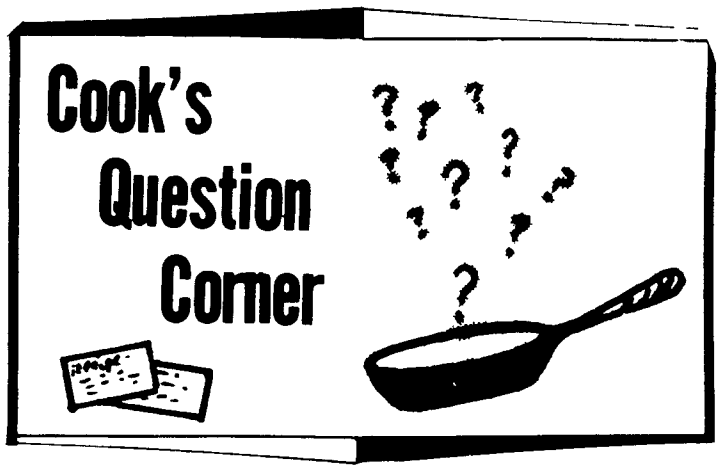
Cook spareribs covered in boiling salted water 50 to 60 minutes or until tender. Drain. When ready to grill, place spareribs on rack 5 to 6 inches from hot coals or grill until meat begins to brown on all sides.

Blend remaining ingredients and brush some on spareribs. Cook until well browned on both sides, turning frequently. Heat remaining sauce and serve with the lamb spareribs.

GRILL-TOP GARDEN POT ROAST

3 to 4-pound beef blade roast or 7-bone pot roast
1 package (.6 ounces) Italian salad dressing mix
¼ cup flour
1 teaspoon salt
½ teaspoon paprika
Pinch of pepper
2 cups thinly-sliced carrots
2 cups sliced zucchini, cut ¾-inch thick
½ teaspoon salt

Combine salad dressing mix, flour, 1 teaspoon salt, paprika and pepper; thoroughly dredge meat on both sides. Place meat in center of a double-thick rectangle of heavy-duty aluminum foil (twice the circumference and 8 inches longer than the roast). Sprinkle any remaining flour mixture over meat. Bring 2 opposite edges of foil together over top of meat. Fold edges over 3 or 4 times, pressing crease in tightly each time. (Allow some air space.) Flatten foil at one end, crease to form triangle and fold edge over several times toward package, pressing tightly to seal. Repeat procedure on other end. Place on grill and cook at low to moderate temperature 1½ hours, turning after one hour. Remove foil packet from grill; open carefully and add carrots and zucchini. Sprinkle ½ teaspoon salt on vegetables. Close foil, sealing securely. Place on grill (vegetable side up) and continue cooking 30 minutes or until meat and vegetables are done.



ANSWER - Julia Euclide, Delta, requested a recipe for ice cream that calls for little or no cream. Thanks go to Doris Drake, Nescapeck, and Mrs. Beverly Pholman, New Oxford, for sharing their recipes.

Simple Ice Cream Mix

Beat a pinch of salt and 4 eggs lightly. Add 1½ cup sugar, 1 can condensed milk, 1½ quarts milk and 1 teaspoon vanilla. Makes about 4 quarts. Any fruit could be added for other flavors.

Vanilla Ice Cream

Half gallon milk
4 eggs
1 can sweetened condensed milk
1 ¼ cups sugar
1 tablespoon vanilla

Beat eggs, add sweetened condensed milk, sugar and vanilla. Gradually stir in milk. Pour into ice cream freezer and freeze according to freezer directions.

QUESTION - Mitz Zook, Belleville, is still looking for a recipe for bagels.

F.W.S. Calendar

Saturday, July 7

Lancaster Society 6 meets at the home of Miriam Heisey for a program by Mary and Eva Thome.

Sunday, July 8

Lancaster Society 34 meets for a family picnic.

Tuesday, July 10

Lancaster Society 23 meets for a family picnic at Millersville Community Park. Bring your own place setting.

Lebanon Society 5 will meet for a summer bash at Minerva Lentz.

Thursday, July 12

Lancaster Society 21 meets for a picnic at Muddy Run Park. Bring place settings and a hot and a cold dish.

Lancaster Society 14 meets at 6:30 p.m. at the Tinney Pavilion, Strasburg, for a picnic. Bring a hot or cold dish.

Lancaster Society 9 meets.

Saturday, July 14

Lancaster Society 2 meets with Esther Sangrey as hostess.

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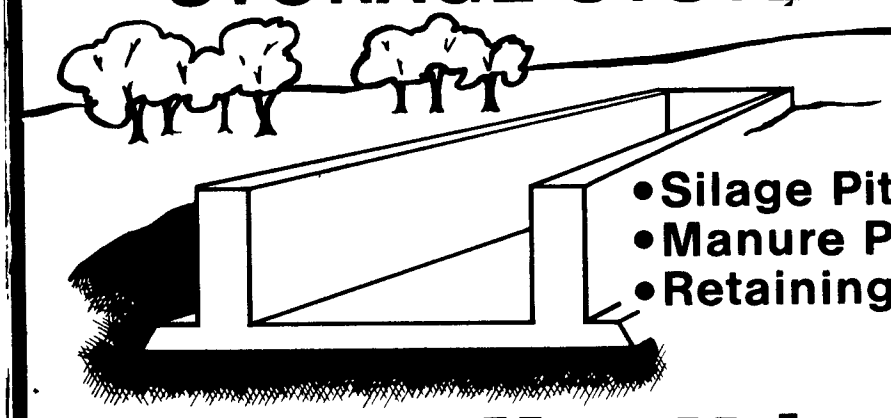

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Farm Women Societies

Lancaster Society 11

Lancaster Society 11 met at noon in the Huffnagle Park in Quarryville for a picnic lunch with County officers, a State Board member, the Lancaster County Dairy Princess and her mother as guests.

President Helen Shaub conducted a regular business meeting.

The next meeting will be on July 26 at 1:30 p.m. at the Farm and Home Center in Lancaster. The group will entertain Society 5.

Lancaster Society 28

Lancaster Society 28 met on June 28 at the Strasburg Ambulance Building for a film on first-aid and CPR. Following the film, the group went to the home of Dorothy Kreider for a business meeting.

The County picnic is scheduled for August 7 at the Lampeter Community Field at noon. Bring a covered dish.

In May, 11 members and two guests traveled to Baltimore Harbor for a day of fun and shopping.

Berks Society 3

Berks Society 3 held their monthly meeting at the home of Ruth Renninger, R4 Boyertown, on June 26.

The women enjoyed dinner and discussed the Mystery Trip they took to Baltimore Inner Harbor on May 16.

On July 10 the women will meet at Rax Restaurant, Gilbertsville, at 9 a.m. for breakfast. A clambake is planned for the next meeting on July 24 at 6:30 p.m. at the Boyertown Community Park.

Know your needs before selecting a computer

MEDIA — Unfamiliar jargon and hyped-up advertising campaigns can make it more difficult than ever to choose a home computer, says Greta C. Vairo, extension home economist with the Penn State Extension Service. To help you make a choice, she offers the following tips:

You should have at least a partial understanding of microcomputer technology before you invest in a home computer. These powerful tools are designed to be used in highly individual ways. The more you know about how they work and what they can do, the easier it will be to match a system to your needs.

Familiarize yourself with jargon. If you wish to buy accessories, learn the strengths and weaknesses of particular devices and how well they work with specific computers.

Consider your own requirements carefully. Limitations of an inappropriate machine will only surface once you take it home. Research your choices in trade magazines, books with computer-user groups or continuing education courses before/ you make the final decision.

Before you decide on the hardware, identify your needs and those of all potential users in your family. Typical home computer applications include word processing, arcade-type games, educational programs, data base management, financial recordkeeping and telecommunications.

To help you determine which models you should consider, try to project what you will do with computer in a year's time.

When deciding how much to pay for a computer, balance your needs against your budget. Prices vary and there is no best computer for everybody.

Remember there are other expenses, too. You'll need to budget for software in addition to the basic hardware. Some home computers come equipped with software and some dealers may include software when you buy the computer. Investigate before you buy.

Think about the other expenses that may accompany a home computer purchase. You will need blank storage disks or cassette tapes and a small TV set or video monitor. You may also need a desk, lamp and chair.

Set aside money for a subscription to a home computer magazine, a few books or a class to help get you started. Save some money for last-minute surprises like printer cable or power filter.

Also remember to set aside some time to learn to use your new computer. Other factors will also influence your purchase. These include planned future enhancements such as additional memory and available financing. Compatibility with other systems is also important to many computer users.

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Green Valley Society 26

Green Valley Society 26 met at the home of Louise Pennay, R1 Liverpool, for the June meeting.

Nine members attended the Spring Rally at Hershey on May 29.

Society 11 entertained Society 26 on June 19. The July meeting will be held at the home of Luna Kohler.

Saddle Cinches 4-H Club

Saddle Cinches 4-H Horse and Pony Club of Manheim, Mount Joy, and Elizabethtown held their June Meeting recently at the home of President Rhonda Gibble.

Horse shows and club trips were the main topic of discussion at the meeting. Club members discussed their recent three-day trip to Assateague Island, Va. For three days, 24 club members, along with chaperones took the opportunity to study the wild ponies in their natural environment.

While in the area they also took a boat ride in the coastal marsh area, observing the natural environment, had a beach party complete with a campfire and took a midnight hike to the Assateague Lighthouse to watch the famous beacon in operation.

The club's upcoming events include a club gymkhana on July 7 and the county roundup on July 14. The next meeting will be on July 23.

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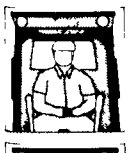

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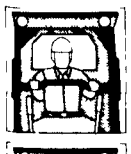
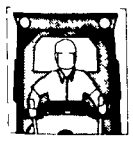


Seat bar allows adequate body clearance for range of operator sizes Bar is quickly, easily pulled down by hand and secured at waist level providing additional restraint protection that prevents operator from falling forward



With bar in place, spring lock is disengaged, activating foot pedals which operate loader hydraulics Foot pedals are locked when bar is in "UP" position, preventing lift arms from moving

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Digging turns up clues to early Southeast Asia man

WASHINGTON — Archeologists know that when they reach what they think is the bottom of a site they are excavating, it is a good idea to dig just to see what turns up.

Douglas D. Anderson, chairman of the anthropology department at Brown University, did that in a cave in southwestern Thailand where he was working last summer, and what turned up was a major suprise: a layer of dirt containing evidence that man had been present in the cave some 27,000 years ago.

That date, far older than any other layer indicating human presence in the cave, was provided by the radiocarbon dating process. It is one of the oldest confirmed radiocarbon dates for cultural artifacts ever found on the southeast Asian mainland, and may be the oldest.

Tools, Bones, and Charcoal

The artifacts discovered at the 27,000-year-old level include flakes from stone tools, the remains of animals, and charcoal. The date has significance because experts in southeast Asian prehistory have called this time period, the beginning of the Upper Pleistocene, "very much a blank."

Anderson was not even looking for evidence of early man when he began digging in Tham Lang Rongrien (School Rock Shelter) last summer. He had found the cave, one of many in a series of limestone cliffs in Thailand's Krabi Province, during preliminary trips looking for sites where he could study the early development of cities and Asian trade routes about 2,500 years ago.

Arriving in Thailand last August with financial support from the National Geographic Society, Anderson and his co-workers, including Pornchai Suchatta, a lecturere in anthropology at Thailand's Silpakorn University, began to dig, hoping to find pottery, burial sites, and anything else that would shed light on those questions. They did.

"We could see that sometime in the remote past this whole area had been dug up before, and there had been burials," Anderson remembers. "We found four burials altogether; two were intact, and two just had traces of scattered bones."

Buried with Possessions

Burials are important, Anderson says, because in early southeast Asian societies, people often were buried with some of their possessions. Therefore, archeologists have a chance to find objects that were culturally significant.

"We found a fair number of pots, in a style that was very widespread in the Far East from around 4,000 years ago," he says. "These were complete clay pots, about 8 to 10 inches in diameter, with round bottoms and about 5 to 6 inches high. Some had been decorated by impressing a twisted corn into the wet clay to make a design."

Eventually, the excavation team hit a layer of limestone rock that seemed to be the bottom of the site. They kept digging a little more. Because the rock was "rotten," they could use their picks without much trouble.

"To our surprise, when we got down about 3 feet, we started

(Turn to Page B12)

See answers on page 23

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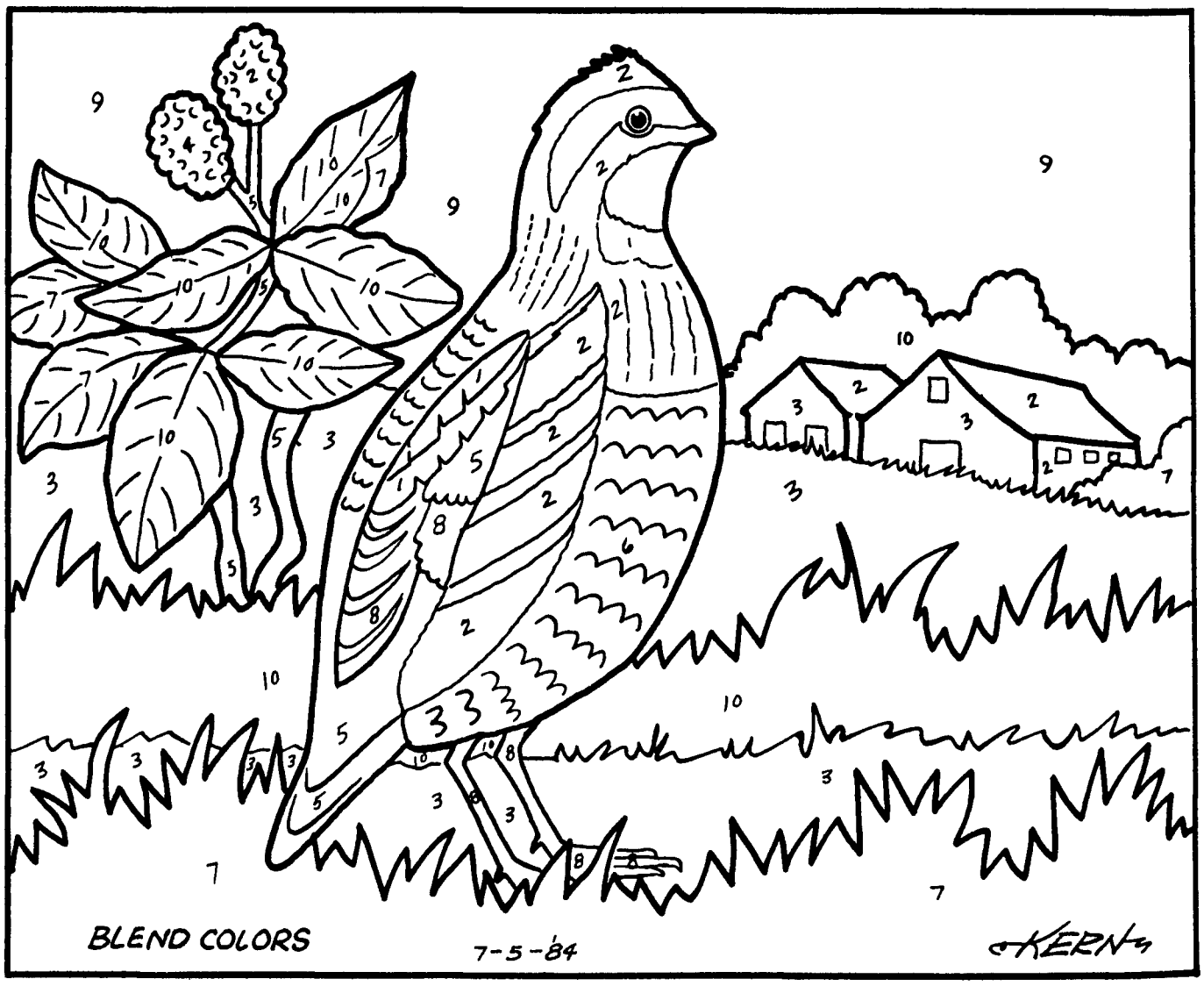

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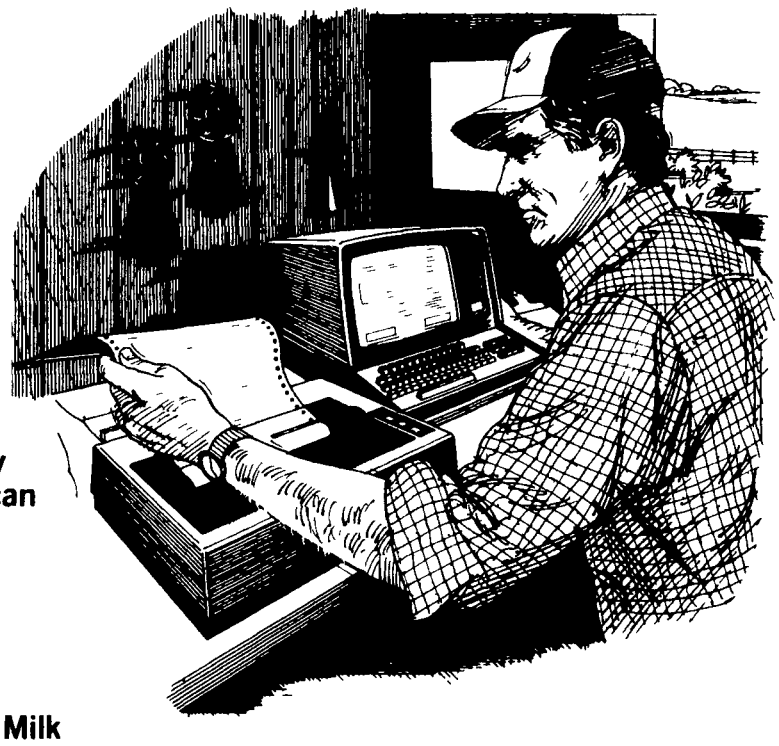

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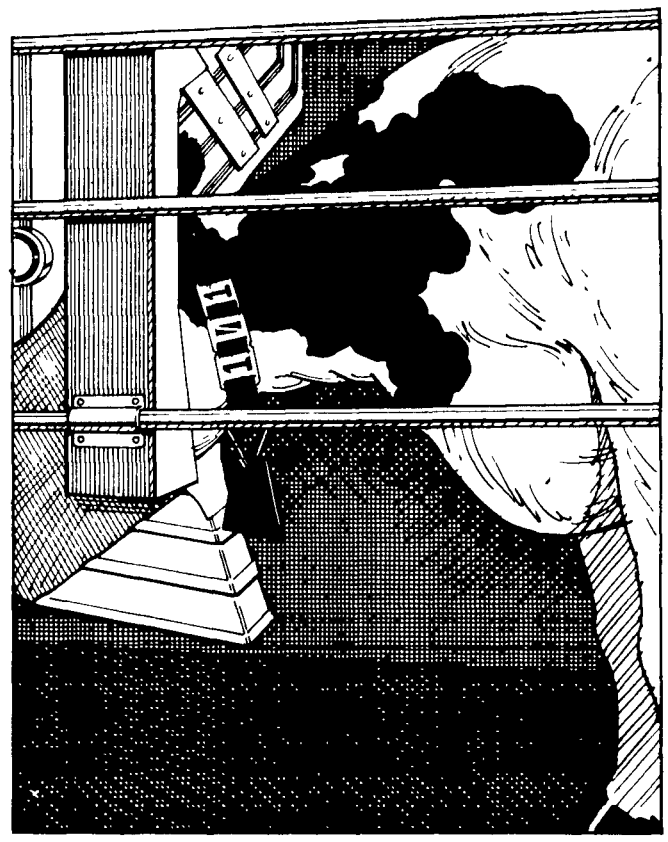

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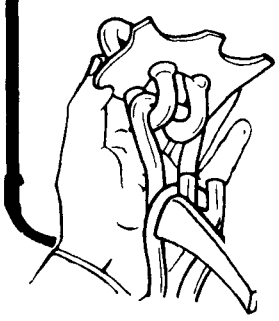

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Digging

(Continued from Page B10)

seeing some stains of charcoal," Anderson recalls. "We dug off the area carefully and came down on another cultural layer. It had chipped stone pieces, bone refuse, and a possibility of a few pieces of shell, though we're not certain about that.

"I was thinking that this could be about 10,000 years ago, and that would be very interesting. When we ran the dates at the Smithsonian Environmental Research Center, we were amazed to find that the lowest layer dated around 27,000 years ago."

Among the findings were a number of stone flakes that clearly came from stone tools, says Anderson. There also were three stone cores from which the tools may have been made. None of the bones were human; all were from animals, and are being analyzed to help determine what kinds of food the cave's residents ate.

Few Dated Sites

Researchers have known for some time that human beings lived in mainland southeast Asia for as long as the last 500,000 years. But though many artifacts have been found, only a handful have been precisely dated using radiocarbon dating techniques.

The best-known site, and the oldest about which details have been published in Western scholarly journals, is Spirit Cave in northern Thailand, dated to about 13,000 years ago. Vietnamese archeologists have told of finding a site estimated to be about 30,000 years old, but scholarly reports have not yet been published.

The significance of Anderson's discovery is that it may shed light on a crucial period of southeast Asian prehistory. Harvard Professor K.C. Chang says that sometime between 30,000 and 10,000 years ago people in the area began to exploit the plants and animals they found there, leading to the development of agriculture.

Chang cautions that too much emphasis should not be put on a single finding or radiocarbon date, and Anderson agrees. Anderson will return to Thailand this summer to dig some more.

Twisted ribs and zigzagging lace

Lace patterns may look complicated, but they're easier to do than you might think. Because pattern stitches give hand-crafted sweaters their rich, distinctive look, lace patterns are well worth learning.

In the sweater shown, a twisted rib pattern borders the zigzagging lace panel. Like many other patterns twisted ribs rely mostly on knit, purl and slip combinations.

As shown, the sweater is done in Bernat's cotton "Cassino" yarn, but it may also be knit in acrylic, mohair and wool "Sweety." To order the sweater kit containing either yarn and complete instructions, look for details that follow this column. To learn more about lace patterns, just read on.

Lace patterns nearly always include small patterns that repeat across a row. The patterns consist of increases and decreases, each counterbalancing one another to keep the number of stitches constant within the row.

By increasing and decreasing stitches, holes occur in the knitted fabric. Eventually, the combination of holes, increases and decreases form the lace pattern.

In most cases, increases are done with a yarnover, abbreviated as "yo." The yarnover is made by winding the yarn from the front of the work over the top of the righthand needle. The next stich is knit as usual.

In many lace patterns, including the one shown, decreases are accomplished through the combination, "sl 1, k 2 tog, psso." The abbreviations mean slip one stitch, knit 2 together, and pass the slipped stitch over.

To work the decrease slip the first stitch from the left-hand to right-hand needle without knitting it. Knit the next two stitches together. Then, pass the slipped stitch, now on the right-hand needle, over the knitted-together stitches.

Increases and decreases as described above are both demonstrated in the pattern below. To try the pattern, choose a finer yarn and larger needles than you might ordinarily use for the yarn.

The correct balance of yarn and needles are important in lace knitting. If your yarn is too thick or your needles are too small, the holes won't stand out clearly enough to show off the lace pattern.

With the right combination of yarn and needles, lace patterns can be beautiful, as you'll see from the zigzagging pattern described below. Here are directions:

Cast on 20 stitches.

Row 1: + Yarnover, knit 3, slip 1, knit 2 together, pass slipped stitch over, knit 3, yarnover, knit 1 +, repeat between +'s once.

Row 2 and all even rows: Purl.

Row 3: + Knit 1, yarnover, knit 2, slip 1, knit 2 together, pass slipped stitch over, knit 2, yarnover, knit 2 +, repeat between +'s once.

Row 5: + Knit 2, yarnover, knit 1, slip 1, knit 2 together, pass slipped stitch over, knit 1, yarnover, knit 3+, repeat between +'s once.

Row 7: + Knit 3, yarnover, slip 1, knit 2 together, pass slipped stitch over, yarnover, knit 4 +, repeat between +'s once.

Row 8: Purl.

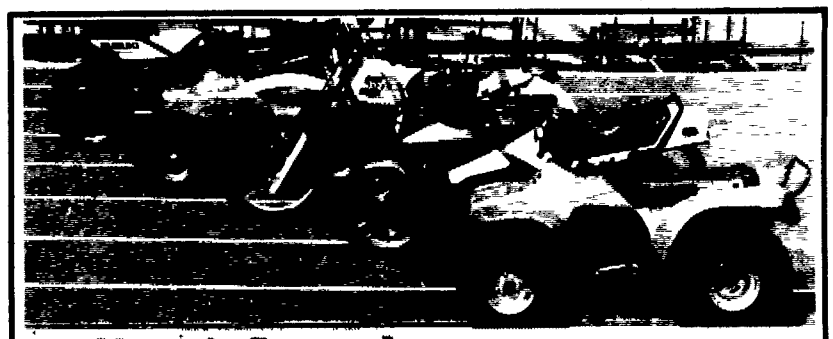
Repeat these 8 rows for pattern stitch.

The sweater kit, complete with Bernat yarns and instructions, is available in white, pale yellow, peach, misty blue, pale pink, pearl gray, marsh purple (amethyst), stormy teal (turqoise) or ruby claret.

KIT S928-273 in "Sweety" acrylic/mohair/wool blend: small (8-10), medium (12-14) or large (16-18), $13.

KIT C928-273 in "Cassino" 100 percent cotton: small (8-10), medium (12-14) or large (16-18), $35.

To order, send kit price, plus $2.50 postage and handling to Ellen Appel Crafts, your newspaper's name, Box 1144, Laguna Beach, CA 92652. Specify kit number and color. California residents please add 6 percent sales tax.



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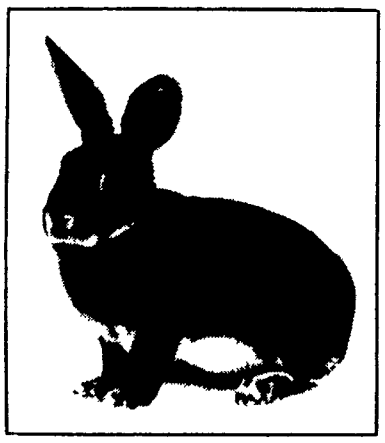

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Quilt patch contest planned for this month

NARVON — Owners of the Mt. Rock Family Shop are sponsoring a quilt patch contest during the month of July.

Patches for the contest, which is open to everyone, can be any size and made in the design of the quilter's choice. Minerva Koser, who is sponsoring the contest, said the deadline for entries is July 30.

Patches can be sent to Minerva at the Mt. Rock Family Shop, Box 203, Narvon, Pa. 17555. Quilters who want their patches returned should include a self-addressed, stamped envelope with their entry.

Minerva also asked that the quilter's name, address and phone number be included with the patch, along with the name of the quilt design.

Awards will be given in adult categories and in categories for children aged 16 and under. The first-place winner recieve $3, the second-place winner $2, and the third-place winner $1.

Anyone wanting to judge the patches is invited to do so by coming to the store. The final decision will be based on popular decision.

This is the first year Minerva, an avid quilter herself, is holding the contest. Further questions about the contest should be directed to Minerva at (717) 768-8011.

Minerva Koser and her daughter, Phoebe Oellig, left, are sponsoring a quilt patch contest during the month of July. The patches will be judged by customers in Minerva's store, the Mt. Rock Family Shop. Above, Minerva and Phoebe display one of Minerva's quilts.

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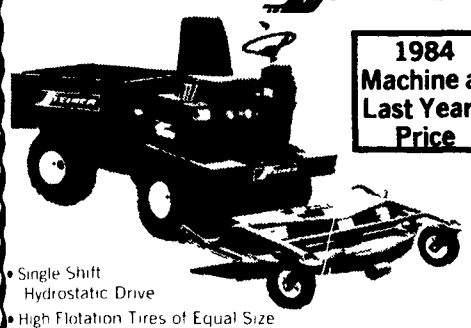

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Ida's Notebook

Ida Risser

The other day my husband and I did something unusual. We got up at 4:30 to go fishing at Lake Struble in Chester County. I felt this was a ridiculously early hour to arise, but I did it.

As I'd made sandwiches the night before, all I had to do was fill a thermos bottle with coffee. Allen had loaded our aluminum boat on the trailer the night before and so we started for Honey Brook, Pa.

Would you believe that I couldn't find any worms in my garden? But that turned out to be an advantage, as then, we drove to Kurtz's Fishing Ponds to get bait and I had an opportunity to meet Mr. Kurtz again. We hadn't seen each other since the 1940's when we both had the same employer. It made the day worthwhile as the fishing itself was a disaster.

For one thing, Allen had to row the boat all around the 146-acre lake because his electric motor would not work. It took over one half an to hour to row across it as there was quite a breeze. But, he said it didn't tire him at all and he would not let me take a turn rowing.

He only got two tiny fish and I got none. There were four other parties there and they continually moved from spot to spot as they couldn't catch any fish either.

However, it was a beautiful June day with just a few large, white cumulus clouds in a blue, blue sky. We saw a deer come down to the water to drink and we heard several ringnecks nearby. Some bullfrogs were croaking in the cattails growing along the marshy edge. The best part was simply being there together enjoying the scenery and each others company. With life's uncertainties, one never knows if we will share two or 100 more mornings like that one.

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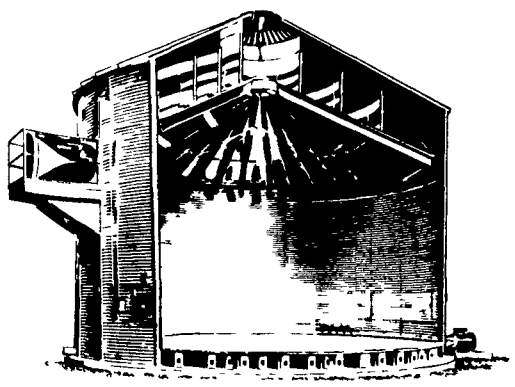

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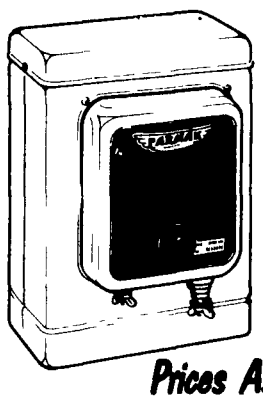

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Patti Preston crowned Sullivan County Dairy Princess

DUSHORE — Patti Preston was named 1984 Sullivan County Dairy Princess during ceremonies held earlier this month in Dushore. Anita Tourscher was named alternate princess.

Patti is the daughter of Mr. and Mrs. David Hottenstein, R2 New Albany. She will be a senior at Sullivan County High School, where she is a member of the National Honor Society, band front, student council, varsity basketball, photography club, prom decorating committee and a soccer manager.

Alternate dairy princess Anita is the daughter of Mr. and Mrs. Jairus Tourscher, Dushore. The girls were judged on the basis of personal interviews with the judges during which they answered general questions about the dairy industry and Sullivan County dairy farming in particular.

Judges for this event were Margin Stout, sales manager at NEBA; Mrs. Wayne LaMont, Troy; and Mrs. Eloise Corson, New Albany.

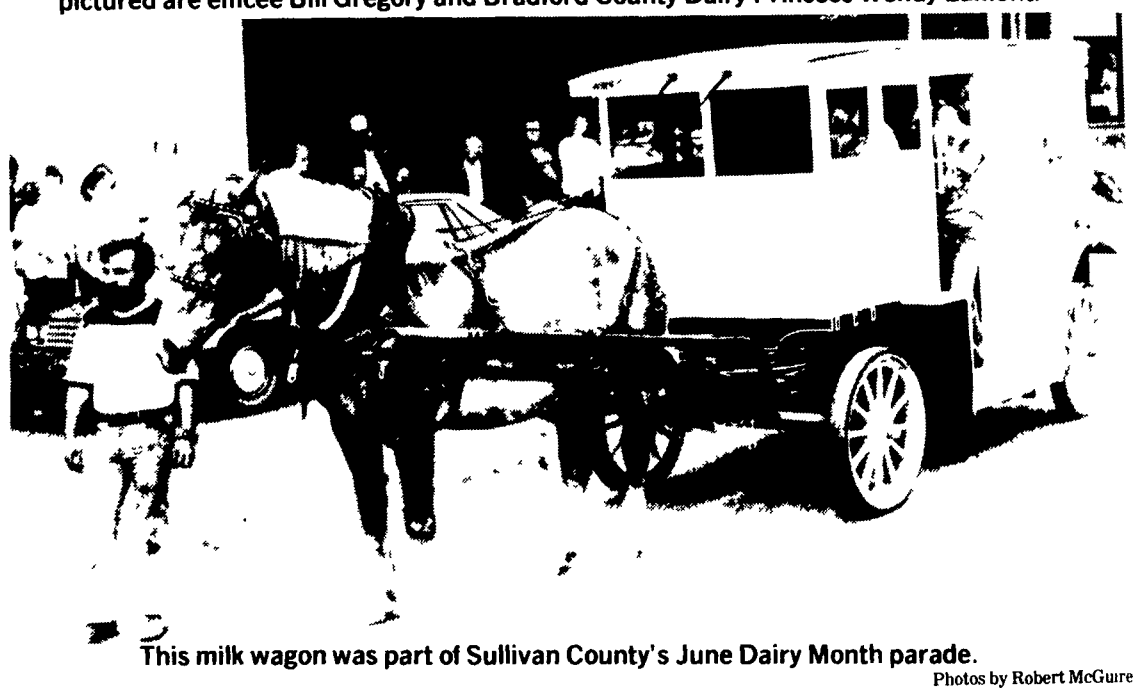
Master of ceremonies for the day was former County Agent Bill Gregory and Rev. Richard Reeser from the Dushore Lions Club presided over a milking and a milk chugging contest.

The new princess received her crown from the 1983 dairy princess Marsha Woodhead, who received flowers for her help during the past year.

A dairy parade featuring a record number of floats was held prior to the pageant. Pat Woodruff, Royersford, who submitted the winning theme of "Dairy Products on the Move in Sullivan County" was also honored.

The Sullivan County Historical Society, with its antique butter making equipment, including a dog-powered butter churn, won both the first place trophy for the Adult Division and was the overall winner in the parade.

1984 Sullivan County Dairy Princess Patti Preston receives her crown from out-going princess Marsha Woodruff, while alternate princess Anita Tourscher looks on. Also pictured are emcee Bill Gregory and Bradford County Dairy Princess Wendy Lamont.



This milk wagon was part of Sullivan County's June Dairy Month parade.

Photos by Robert McGuire

Valerie Sankey wears Clearfield County Dairy Princess crown

CLEARFIELD — Valerie Sankey was crowned Clearfield County Dairy Princess on Saturday, June 23. Holly Wriglesworth and Renee Hoffner were selected as alternates.

Valerie is the 18-year-old daughter of Mr. and Mrs. John R. Sankey of R2 Clearfield. She graduated from the Clearfield Area High School with honors this year. She is active in the Down River 4-H Livestock Club, a member of the Future Business Leaders of America and the Future Farmers of America.

Valerie's parents have a herd of 50 Holsteins, and she owns nine of her own. When Valerie isn't busy promoting milk as a dairy princess, she will be working at the Cresent Brick Company.

Alternate princess Holly is the daughter of Mr. and Mrs. Joe Wriglesworth of Grampian. The other alternate, Renee, is the daughter of Mr. and Mrs. Paul Hoffner of Morrisdale.

Bob E. Day, an disc jockey for WCPA radio, acted as emcee for the program. Entertainment was provided by 1983 Dairy Princess Amy Young with her award-winning skit from the state pageant, and by Clearfield's senior citizen band.

Judges for the event were Clearfield's 1972 Dairy Princess Mrs. Carolyn Lutz; Mrs. Helen Turner, a local 4-H club leader; and J. Carl Ogden, an All-State Insurance representative and local farm owner.

The evening ended with an ice cream social.

1984 Clearfield County Dairy Princess Valerie Sankey receives her crown from 1983 princess Amy Young.

Huntingdon County's dairy princess is Mary Ann Keith

PETERSBURG — An enthusiastic Mary Ann Keith was crowned Huntingdon County Dairy Princess on Saturday evening, June 23, at the Huntingdon County Holstein Club's picnic held at the Shavers Creek Firemen's Park.

Mary Ann, 16, is the daughter of Harry D. and K. Joan Keith, and a senior at Huntingdon Area High School. She received her crown from the reigning 1983 Dairy Princess, Jennifer Davis.

Selected as alternates for the dairy promotion ambassador program in the county were 18-year-old Brenda Hall, daughter of Raymond and Savannah Hall of R3 Huntingdon, and Leslie Rechele Colpetzer, the 16-year-old daughter of Raymond and Bonnie Colpetzer of R4 Tyrone.

Judges questioned the three contestants in an interview prior to a covered dish meal held at the park. Master of ceremonies Rob Schrack questioned them again before the audience and the judges. Serving as judges were Paul Anderson, professor of dairy science at Penn State University; Terri Reinhart-Rallis, agricultural liason for the Pennsylvania Department of Agriculture, and Betsy Ann Stitt, Blair County Dairy Princess in 1981.

Enthusiastic and quick to answer the questions put before her, Mary Ann displayed the combination needed to promote dairy products in Huntingdon County. Her year will be a full one, as the outgoing princess, Jennifer Davis attested in a list of her speaking engagements.

1984 Huntingdon County Dairy Princess Mary Ann Keith receives her crown from 1983 princess Jennifer Davis, while the county's two alternates, Brenda Hall, right, and Leslie Rechele, look on.

Mary Ann plans a nursing career after high school. Her activities include majorette and majorette club, concert and county band, National Honor Society, presidential classroom, track, photographer for yearbook and newspaper, church youth choir, and piano. She has also been president and junior leader of Woodcock Valley 4-H Club, treasurer of County 4-H Dairy Club and County Council, secretary of the recreation team, 1984 Region F Grange Princess and local legislative chairman. In addition to working the summer at the Juniata College cafeteria, she finds time to help on the family farm and to show animals.

Serving as escorts for the contestants were Kenneth Davis, son of Harold and Clara Grace Davis, escorting his sister, Jennifer; Joseph Yoder, son of Willard and Lois Yoder, who escorted Mary Ann; and Bernie and Gerry McMath, sons of Gerald and Darlene McMath, who escorted Brenda and Leslie.

Elaine Hill reigns as Mercer's Dairy Princess

BY BARBARA RADER
Staff Correspondent

MERCER — Eighteen-year-old Elaine Hill was crowned 1984 Mercer County Dairy Princess on June 21 in the Mercer County Extension auditorium.

Brenda Drake, 17, and Tammy Slater, 19, were both honored as the princess' alternates for the coming year. Brenda is the daughter of Mr. and Mrs. William Drake of Transfer, and Tammy is the daughter of Mr. and Mrs. Richard Slater of Fredonia.

Elaine, the daughter of Mr. and Mrs. Harold Hill of Sandy Lake, is a recent graduate of Lakeview High School. She will be attending Clarion University in the fall to major in English.

In high school, Elaine was active in the pep stage, concert and marching bands, playing flute and alto saxophone. She was also in the school chorus, biology club, and was secretary and treasurer of the National Honor Society. Elaine has been treasurer of the international club, in AFS and on the school's newspaper staff.

Elaine has established her own herd of 16 Guernseys on her parent's 208-acre farm, where they milk Holsteins. The family also rents an additional 80 acres.

Mrs. Hill said her daughter is involved on the farm, doing chores every evening, driving tractor, and planting crops, but Elaine's main interest, she said, lies in caring for the cattle.

A member of the No Bull 4-H Dairy Club for six years, Elaine is the club's president this year and proudly says that her Guernseys have made it to the Pennsylvania Junior Dairy Show the last five years. In 1982 she showed the Junior Champion Guernsey. She is a member of the Pennsylvania Junior Guernsey Association and a junior member of the American Guernsey Cattle Club.

For her promotional presentation, Elaine dressed as "MC Cow," professional private eye inspector, and revealed secret clues to solve the Calcium Quest. She presented MILK with a blue ribbon because it was the answer to her quest.

Alternate Tammy is a 1982 graduate of Lakeview High School and alternate Brenda is a 1983 graduate of Reynolds High School. Both girls live on Holstien dairy farms. Tammy is currently working on the family's farm and babysits during the week. Brenda plans to further her education by attending nursing school.

Both girls were active in school activities, each each belonging to several clubs.

Brenda's presentation was entitled "Dandy the Dancing Cow." She spoke on the importance of milk's nutrients, the real seal and milk products. Tammy was a "Miss Milky-Way Universal Candidate," presenting her campaign on the importance of milk.

1983 Dairy Princess Kathy Minor, presented the crown to Elaine. In her farewell speech, she said, "As I pass the title on, I hope the next girl has as exciting and enjoyable year as I did."

Judges for the contest were Blanche Kind, a farm wife; Bob Sterrett, a farmer; and Paul Montgomery, president of the First National Bank in Slippery Rock.

1984 Mercer County Dairy Princess Elaine Hill, center, and her two alternates, Brenda Drake, left, and Tammy Slater, right, will spend the coming year promoting dairy products.

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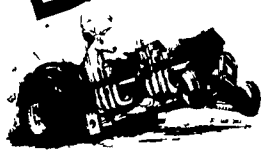

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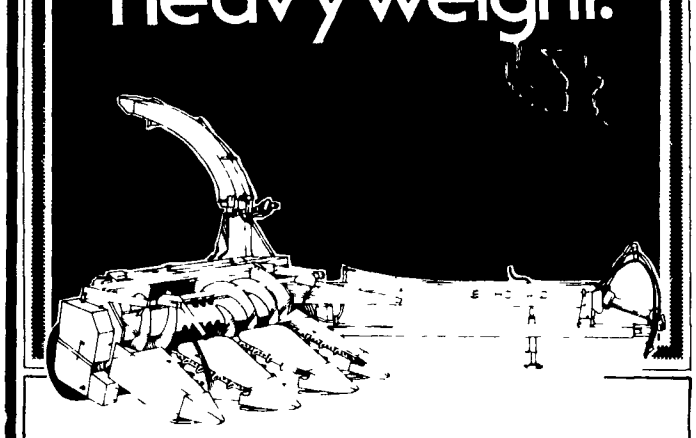

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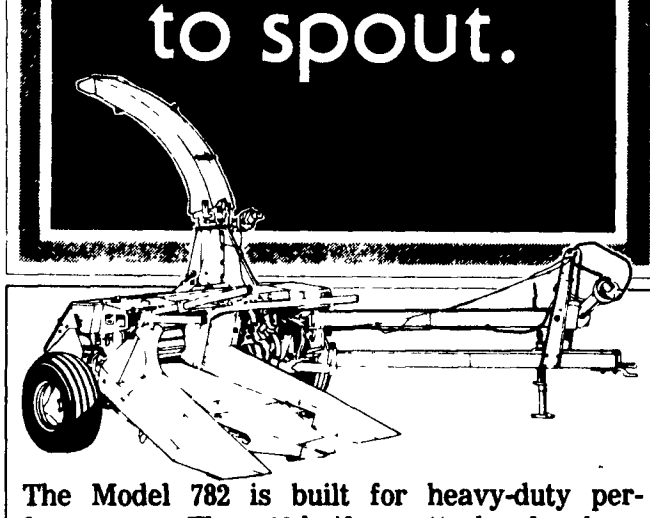

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Lebanon 4-H'ers participate in Leadership Congress

STATE COLLEGE — Daniel Shiner, Myerstown, and Deb Bolles, Mt. Zion, lead activities at the 1984 Pennsylvania Leadership Congress held this week at Penn State.

Over 700 4-H members from across the state were involved in leadership training in four areas: Teen-U-Lead, for 13-15 year olds; Day Camping Leadership, 15-18 year olds; Telling the 4-H Story, 15-18 year olds; and Leadership School, 15-18 year olds.

Shiner was a peer advisor in the Day Camping program. Bolles was a leader in the Teen-U-Lead program.

Other Lebanon County participants were: Jennifer Allwein, Angie Bollinger, Denise Long, Tricia Moyer, Sharon Wagner, Kim Zearfoss, Becky Sonnen, Barb Dickinson, Regina Roof, Jon Boyer, Joe Scharmer and Andy Smith. Also, day camp trainees: Ann Grumbine, Denise Low, Natalie Wagner, Todd Greeninger, and Damian Shiner. Story Telling participants were Sheri Pierce and Larissa Smith. Leadership School participants were Becky Smith and Bill Dickinson.

Sheri Pierce and Damian Shiner were chosen by their peers to return as Council members in 1985.

4-H Agent, Linda Siegel, conducted two of the over 40 workshops offered. One of her workshops, "The Name of the Game is Leadership," stressed learning games that teen leaders can use in their clubs. The other, "Group Dynamite," heightened older teens' awareness of working with a group.

4-H leader Beth Troutman chaperoned the group

4-H is open to anyone ages 8-19, regardless of race, color, or national origin

4-H Youth Exchange Representatives discuss plans

Four international 4-H Youth Exchange (IFYE) representatives discuss plans for their upcoming trip to various countries around the world. The young men and women departed June 10 from Washington, D.C. for six months as participants in the program which is conducted by the National 4-H Council. Left to right are Donna Rapp, from Bucks County, who will visit Switzerland; Lois Mark, Chester County, who will visit Barbados; Harry Eastman, Vermont, who will visit Trinidad and Tobago; and Tom Dickson, Bucks County, who will visit Germany.

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Edible landscaping is easy. Instead of planting an ornamental, add a vegetable or fruit or nut tree. The green, yellow or bronze leaves of various lettuces make an attractive trim to the rose garden. Clumps of chives and other low growing herbs can be used to edge the perennial border. Set an eggplant or pepper rather than an annual flower into a spot in the sun. The fruit will add color to the garden and food to the table.

For the front lawn, how about a fruit tree instead of one that flowers only? Against a wall or trellis, try training vines of tomatoes, cucumbers of peas. Where a filler or edging is needed in the flower or shrub border, remember that carrots, parsnips and asparagus have lacy, fern-like foliage. For a more colorful touch, the leaves of beets, Swiss chard or rhubard contrast well with most shrubs and flowers. Dual purpose blueberries, quince, gooseberries and currants made handsome shrubs, and strawberries make a pretty AND delicious ground cover. If space is very limited, color the sky and spot the patio or steps with baskets and containers of dwarf tomatoes, squash or ornamental peppers.

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Farm kids lighten work load with helping hands and laughter

BY ROBIN PHILLIPS
Staff Correspondent

BERNVILLE — Throughout June Dairy Month, dairymen exert extra effort in promoting milk. Suburban and city folks are treated to mall promotions, dairy princess appearances, farm animal displays, and many milk, cheese and ice cream giveaways.

While dairymen agree that milk is THE product on a dairy farm, they also agree that their most valuable "products" are their offspring. In the flurry of getting things done on the farm, country youngsters are often overlooked. In many farm interviews, dairy displays, and even general discussions, the value of the extra pair of little hands or even just a smile, cannot be ignored.

A drive around the Bernville area in Berks County revealed some of these hardworking offspring who shared their feelings and views on farm life.

Locating a farm kid can be quite a task. It's hard to believe how busy they really are. Unlike many television addicts, they do not sit around. Among activities like feeding 4-H calves, milking cows, and attending Bible school and music lessons, they find time for swimming in the pond, riding on trucks and wagons and playing farm with their miniature tractors, wagons and animals.

The best time to catch them is during milking, on rainy days, or on those rare occasions when they are just standing still. Where do they get their energy?

Farm kids Charlie and Krissi Zimmerman, the offspring of Charles and Linda Zimmerman, R1 Mohrsville, say they help their parents with the farm chores. Five-year-old Charlie says he and Krissi, 4, have a younger sister, Rachel, who is still a baby.

Charles and Linda Zimmerman farm over 700 acres and milk 70 Holsteins. Charles Jr. says that he will be ready to take over the farm when his dad gets old. Right now, he says he feeds the cows, calves and "fetches a 'chew' for dad."

Milk, he says, is his favorite part of the farm "cause it makes your bones grow." He explains that Krissi broke her arm earlier this year and the doctor told her to drink a lot of milk because "it makes your bones grow."

Their mother, Linda, says that the children are a big help when it comes to cleaning out the water cups in the barn - a task they enjoy.

Harvey Krill III, was a little harder to pin down than the Zimmerman kids. Nine-year-old Harvey is the son of Harvey and Cindy Krill of R1 Mohrsville. The Krills farm over 200 acres and milk 50 Holsteins along the Irish Creek Road on the way to Bernville.

Young Harvey with his seven-year-old sister, Allison, and three-year-old brother, Josh, enjoy helping their parents on Krillstead Farm. But between chores, these siblings find time for attending Bible school, ball games, and visiting friends.

"I feed the calves and chickens, and rabbits," Harvey says, adding that he "sometimes" enjoys the job. "I don't like wiping cows," he continues.

"Even his homework is better than wiping cows," his mother explains.

Harvey says that washing cows before milking takes too long. He prefers feeding the chickens and rabbits that he and his sister raise.

But mom says that "he's indespensible. He's tremendous," she adds, saying that when it is time to switch cows in the barn, Harvey's calm and quiet nature help to get the job done quickly and easily.

Harvey is also the resident calf feeder. He has charge of raising the calves on milk and is able to tell then they need medication and when they should be weaned.

His younger sister, Allison, is Harvey's assistant. Her main job is chasing the cows from pasture.

"They can see her coming and they know it's a pushover," she says. So Allison often takes Josh along, and later returns to solicit Harvey's help.

Harvey tells about the time Allison got stuck in the mud in the pasture and lost her sandals forever. "She was mad at the mud," he says with a laugh. And Josh, Harvey says matter of factly, "just gets in trouble.'

Larry and Cathy Phillips of R1 Mohsville also have three children, but they have all girls. With parents that had all boys, Phillips thought that he and his wife would have a good chance of producing a son. But with Tracey, age seven; Beth, age six; and Lisa, age three; they are not complaining. The three girls provide many opportunities for laughter and enjoyment when they "help" in the barn.

The Phillips milk 28 Holsteins and are currently on the diversion program. They farm 150 acres and are currently feeding pigs.

The older girls' favorite chore is pushing the feed down the chute for their father in the barn. They also give the cows hay, help mom feed the calves, and get very dirty.

Ice cream is a big favorite in their house and they say that mom gets "yelled at" if they run out of it.

Still young to take an active part in the farm chores, the girls shook their heads and wrinkled their noses when asked if they would enjoy more chores.

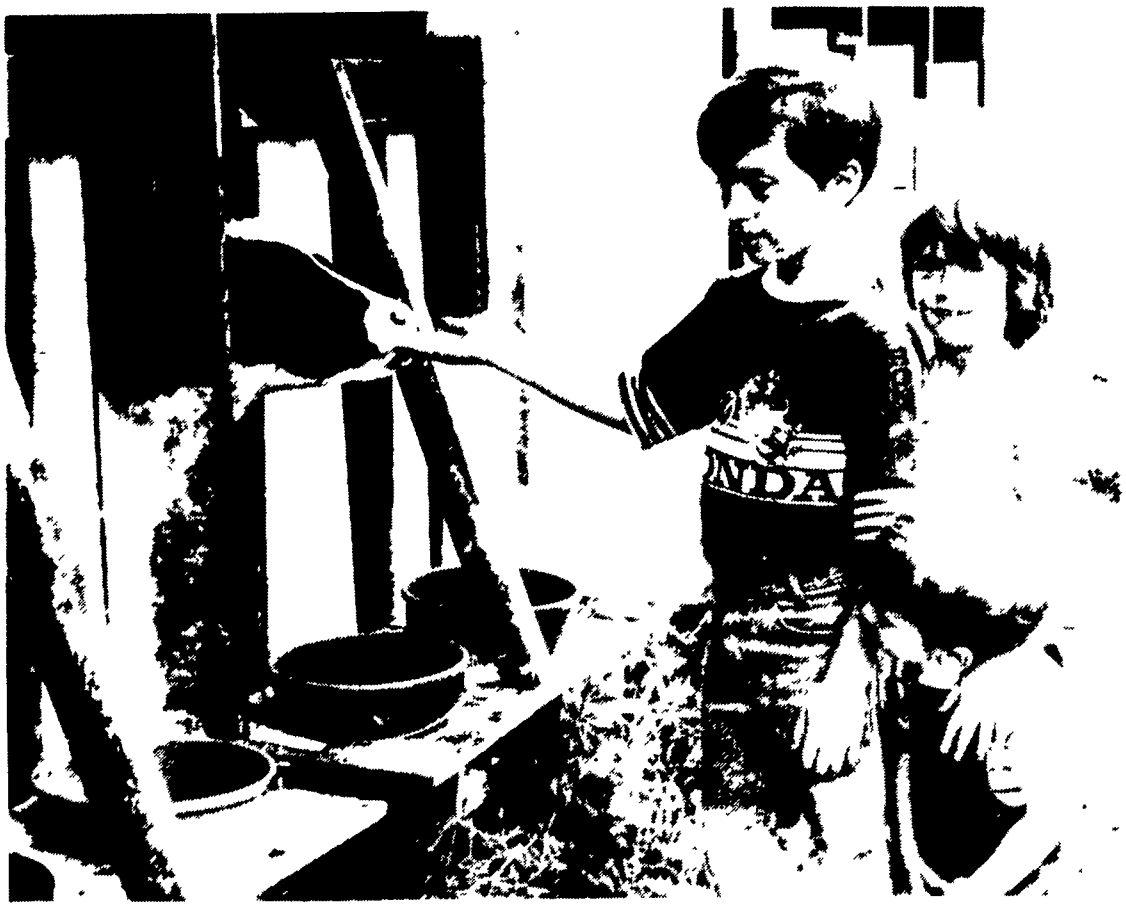
Being only eight years young does not stop Michael Hix from joining in the farm work. Michael's parents are John and Donna Hix, Bernville. John and Donna, along with John's father, Rae, and his

(Turn to Page B20)

Jennifer, Mark and Michael Hix pose with their 4-H calves.

Krissi and Charlie Zimmerman are still too young to be much help to mom and dad, but practice with their toy farm equipment. Krissi and Charlie realize how important drinking their milk is however after Krissi broke her arm earlier this year and the doctor told her to drink milk, because "it makes your bones grow."

Tracey, Beth, and Lisa Phillips enjoy "helping" in the barn when their dad is milking. Their help consists of pushing feed down for the cows, their favorite job.



Harvey, Allison, and Josh Krill have charge of the calves at Krillstead Holstein Farm.

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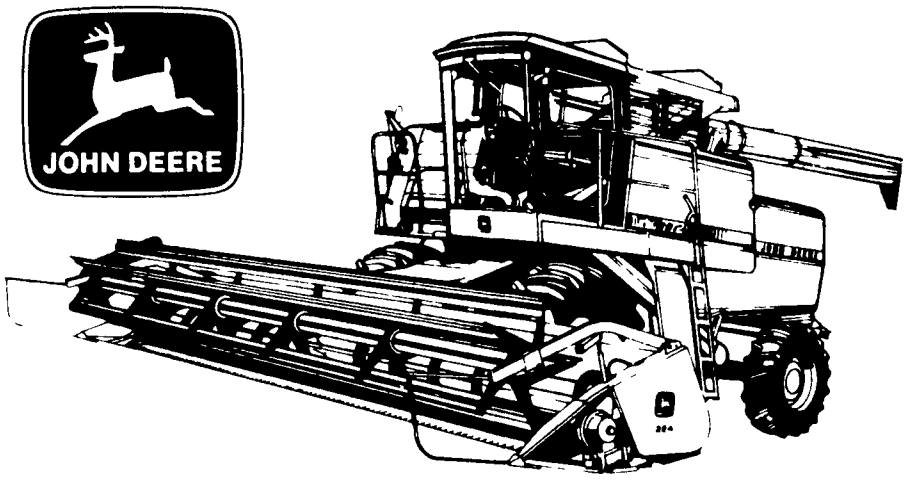

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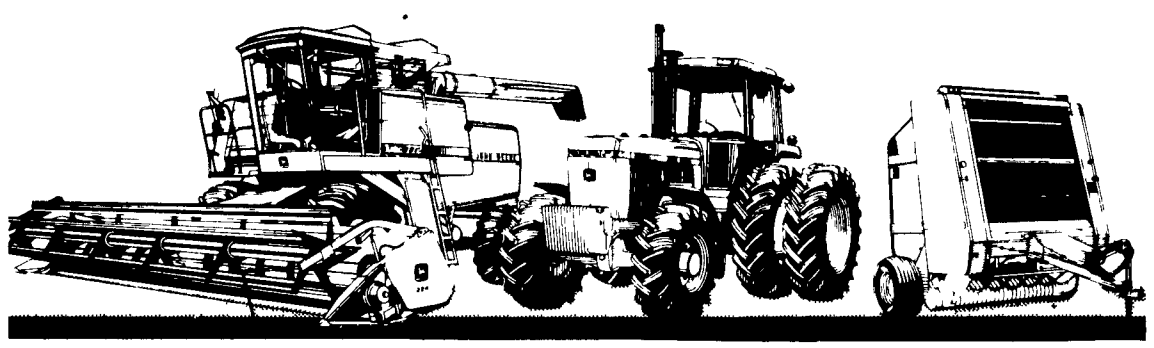

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Charlie and Krissi do help their mother feed the calves, and Linda says that the children are also very good at cleaning out the drinking cups for the cows.

Farm kids

(Continued from Page B18)

four brothers, farm over 1100 acres and milk 170 cows. Their Skyline Farm, Inc. also includes several large chicken houses and cattle facilities on several farms. Michael and Jennifer, age 10, and Mark, age four, love to accompany their grandparents, parents and uncles all over the farms doing chores.

Although Jennifer doesn't like chasing cows "because they stink," Michael says he likes the cows the best. Little Mark helps his grandmother feed and water the calves. Michael also enjoys this and says that Jennifer needs help since they are feeding about 25 calves.

"I like to help unload straw," Michael says. "We help our grandmother feed the calves and I like to help my grandfather in the chicken house," he adds.

"So do I," Mark chimes in. Mark likes to ride with his father while baling straw, "until he gets tired of watching the bales fly up," his father adds.

Michael and Jennifer will be showing 4-H calves for the first time this year and look forward to the fairs. Mark said that he will be showing someday, but now he is content to help his brother and sister train theirs.

There is nothing comparable to farm children. They have the enthusiasm, drive, and spark in their eyes that has made their parents bear with the times on their farms - farms that will eventually belong to the children.

Cindy says that with Harvey caring for their calves, they do not have to bother with them at all. Harvey enjoys taking care of the calves and says he can easily tell when a calf is sick by the way it looks. Younger sister, Allison, helps him.

The Hix siblings are on their way to unload straw in another barn.

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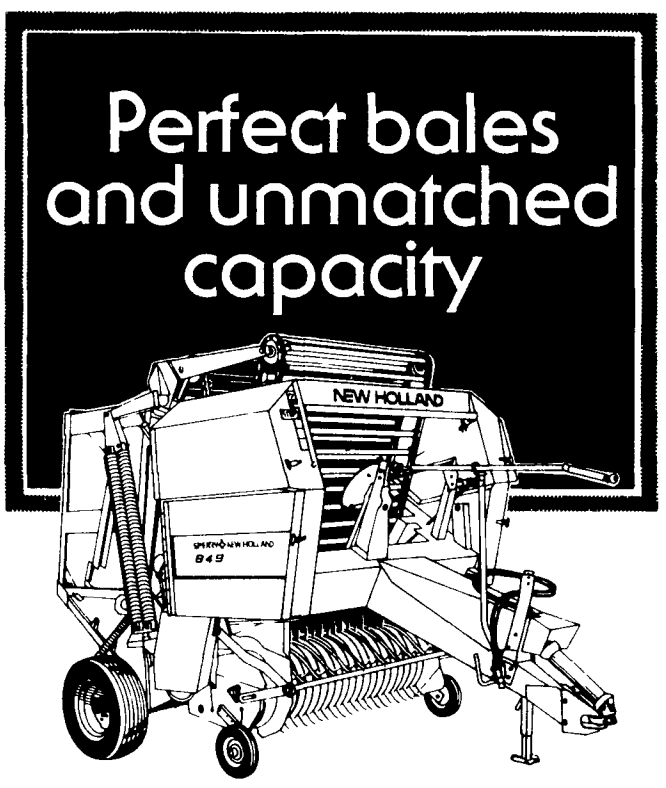

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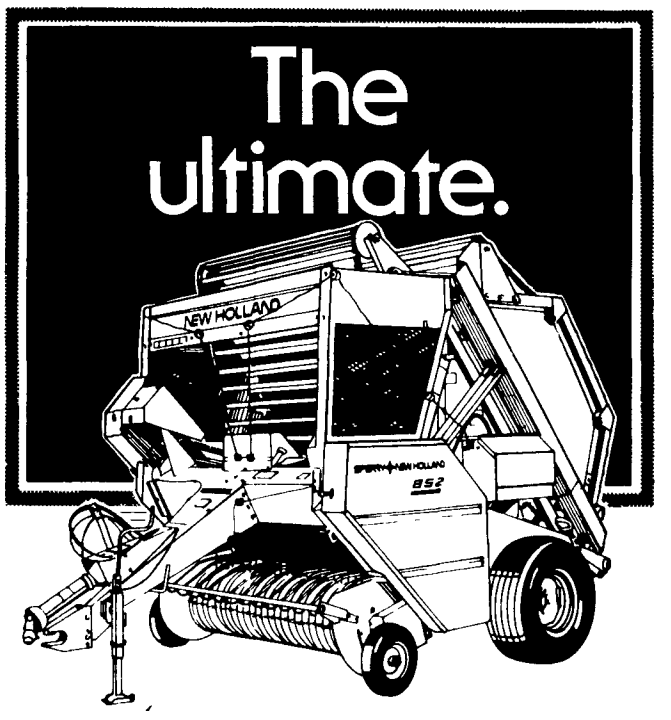

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Pre-planning for fires is wise investment

BY SUZANNE KEENE

EPHRATA — Stop for a moment and envision your home engulfed in flames with your family trapped inside. Just the thought of such a tragedy should be enough to send you rushing to the store to buy a smoke detector and a fire extinguisher if your home is not already equipped with these two important items.

Lancaster County Fire Safety Coordinator Randall Gockley, who works to promote fire safety, encourages people to plan ahead for a fire.

"Probably the most important thing that a person can have in their home is a smoke detector to offer protection," he says.

Every home should have a minimum of one smoke detector in each sleeping area and one for each additional story in the home. If several bedrooms are connected by a single hallway, one smoke detector would be sufficient for all of them, but if they are on different floors, there should be two detectors.

When selecting a smoke dectector, consumers should look for one that is approved by the Underwriter's Lab, meaning it meets safety guidelines set by the National Fire Protection Association and other safety groups, Gockley advised.

Homeowners can pick from two types of smoke detectors - electric and battery. Gockley recommends purchasing an electric one because he has found that people neglect to replace batteries. It's too easy to take the battery out if cooking smoke sets it off and then forget to return it, he says.

An electric smoke detector costs about $30 to $50, and a battery operated one runs about $8 to $12. Gockley said he thinks the electric ones are worth the extra expense, citing a mobile home fire that killed a mother and three children. The home, he said, was equipped with two smoke detectors, but neither had batteries.

However, "If finances do not permit an electric smoke detector, a battery one is fine," Gockley said. If you select a battery-operated detector, he suggests testing the battery every week or two by pressing the detector's test button. In most cases the batteries will last about one year The smoke detector will make beeping noises when the battery is about to die, signaling that it is time for a replacement.

It is extremely important to replace the battery as soon as possible. Gockley related a story in which a county family had dismantled their smoke detector one night when it started beeping because the battery was nearly dead. Three week's later they had not replaced the battery and suffered a $40,000 house fire.

Homes should also be equipped with fire extinguishers - one in the kitchen, one on the second floor, and one near any woodstoves in the home, Gockley said. But just having them is not enough. All family members should know where they are and how to use them.

Gockley advised buying a dry chemical Underwriter's Laboratory approved extinguisher that is capable of extinguishing all classes of fires. Some extinguishers, he explained, can only combat Class B (flammable liquid) and Class C (energized electrical equipment) fires. It is important to purchase an extinguisher that can also be used to combat Class A (ordinary combustible) fires.

Fire extinguishers should be discharged and recharged every six years, Gockley said. If you can't locate a business in your area that provides this service, your local fire company can refer you to one.

Before using your fire extinguisher make sure that everyone in the house knows there is a fire and starts getting out, then notify the fire department, Gockley advised. Only after taking these precautins should you use your extinguisher.

"If it gets too big, close the door behind you and get out," Gockley stressed.

Gockley noted that many people are reluctant to call the fire company because they are embarrassed or afraid they won't be able to afford the bill. In most cases, he assured, you will not receive a bill.

Another way of preparing for a fire is to develop and practice an evacuation plan. "It's very important that people, especially children, know two ways out of every room," Gockley said. "It's very important that the family talk about this before it occurs."

If a fire occurs while the occupants are sleeping - and most fires do - start yelling "FIRE! FIRE!" as soon as you discover it. Then, staying as low as possible, walk or crawl to the door. If the door is closed, feel it with the back of your hand. If it's hot, it's your barrier against the fire and you should take the other way out. If it's cool, open the door slowly and check the hallway. If it's clear, go the closest exit.

When discussing fire evacuation plans, Gockley suggests arranging a central meeting place outside the home where all family members can congregate and discover who is missing. Without such a place, parents might not find their kids right away and go back inside the burning building to get them. This, Gockley advised, is not wise. Once you are out of the house, stay out.

"It's bad to lose one but it's worse to lose two," he stressed.

Once you have developed a plan, practice it about every six months. Inform the family that there will be a fire drill in the coming week, then, later in the week, push the test button on your smoke detector to simulate a fire.

Repeating the drill every few months will assist children in remembering what to do in the event of a real fire, he said.

As volunteer fire chief of the Lincoln Fire Company in Ephrata, Gockley started a new program in the area where farmers voluntarily provide the fire company with a list of the animals and chemicals on the farm and their locations. The farmers also send in a diagram of their farm, showing buildings, lanes, and possible water sources.

"The fire companies are trying to do some preplanning and preparation so we can handle the fires better," Gockley said.

The idea started, he said, following a barn fire in New York that hospitalized over 100 fireman about four years ago. The firemen became ill from inhaling the fumes from chemically-treated hay stored in the burning barn.

"That's why it's so important that we know what chemicals are stored inside," Gockley said. If the firemen had known about the chemicals they would have worn their face masks. Having information about the chemicals is also helpful in determining how to treat a fireman who has inhaled them, he added.

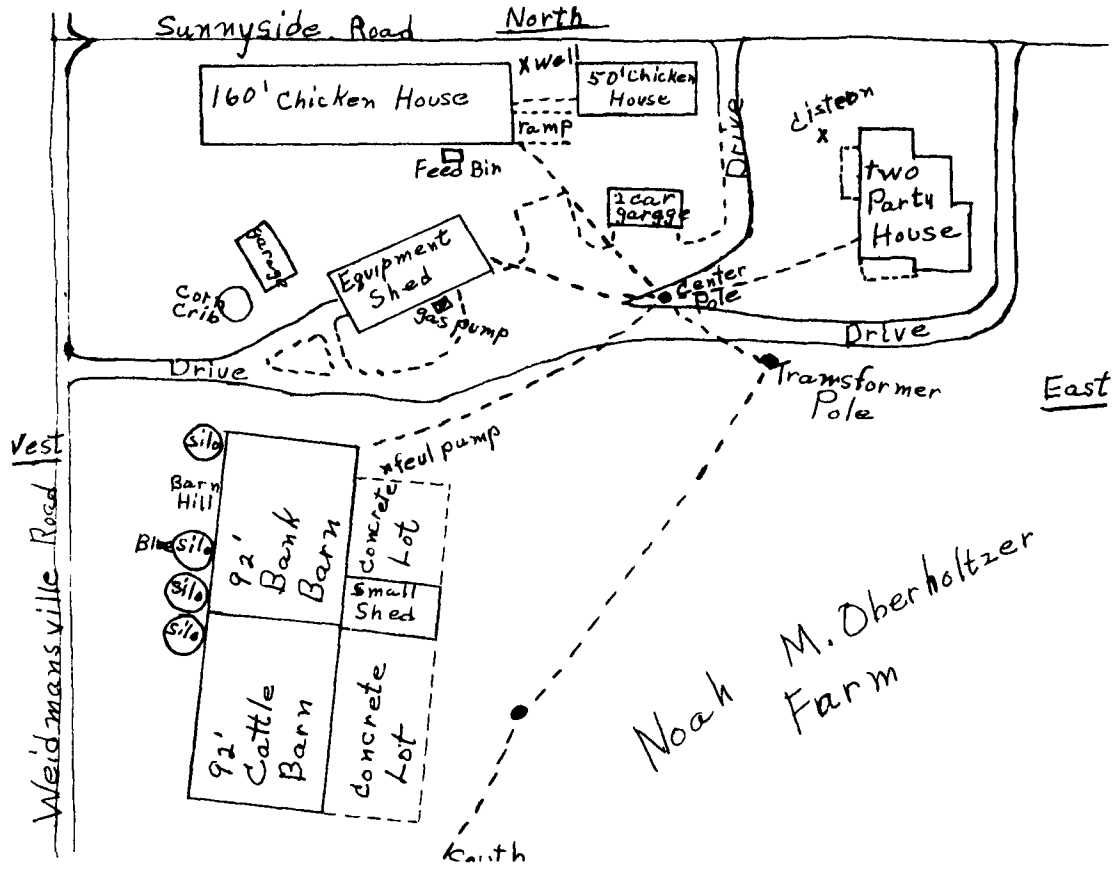
The program stresses the importance of water sources that are already on the property, and Gockley said he urges farmers to make their ponds and streams easily accessible to firefighters.

Often, he said, trees and gullies obstruct the way to streams and ponds. By clearing an area for the firetrucks, farmers could save their farm from unnecessary fire damage.

A barn fire today can cost a farmer over $100,000. "Farmers have an awful lot to lose," he said.

Gockley said that farmers in his area have been quite receptive to the program, with 70 percent voluntarily participating. Other fire companies have also picked up on the idea and are doing similar things.

Gockley said he believes "farm families are really concerned about fire safety." Maybe that's why he hasn't had to use any of the farm diagrams farmers have sent him as part of his program.



If a fire were to occur, this diagram of the Noah M. Oberholtzer farm would help firemen identify the nearest water and access areas to farm buildings.

BACK HOME

By Michelle S. Rodgers

Lancaster Extension Home Economist

What-Can-I-Do-Blues

It's officially summer! By the time summer officially arrives the novelty of summer vacation may be wearing off. This is easy to diagnose. The typical symptom is a routine cry of "Mom! What can I do now?" This was one question I learned was better not to ask. My mother was always full of suggestions from hulling the peas to folding the laundry. My mother is a great list maker and if you are ever looking for something to do, just check her list!

However, the preschooler's ability to think of fun and permissable activities is sometimes limited. To preserve your sanity and to create a happier summer, stop now and do some planning. Sit down with the kids some morning when everyone is rested. Then brainstorm a list of things that would be fun to do this summer. Write these ideas down, and then pick one to do each day. You might set aside a time of day when you could all do this activity together (even hulling peas is more fun when everyone's doing it!). Here are some examples to get you started:

- housepainting - give the child a bucket of water and wide brush to "paint" the sidewalk or house.
- eat lunch in the backyard on a blanket.
- explore the yard or sidewalk with a magnifying glass.
- collect leaves, rocks or wildflowers and identify them.
- draw a map of the street or neighborhood on a large sheet of paper. Fill in the houses, school, post office etc.
- fill a dishpan with cool water an provide water toys to use in it.
- invite neighborhood kids to bring their instruments and make a marching band (outside!).
- Take a silent walk and then identify all the different sounds you hear.
- write a letter to yourself and walk to the post office to mail it.
- make a sun dial. Take a paper plate outside and punch a pencil down through the center, into the ground. Watch a clock and ever hour mark the plate where the shadow falls.
- have a trike wash.

Remember, the idea of brainstorming is that any idea goes — write down all of them. One idea may work better one day than another. Try to include some rainy day activities, too.

One of the major benefits of brainstorming a list of ideas is the kids' involvement. They learn to take some responsibility for entertaining themselves and making decisions about what they do. Utilizing this technique may inspire your children to continue thinking for themselves.

Another idea would be to put the ideas in a large jar. When the search question of "What can I do now" comes up — retreat to the jar. Whatever idea is on the slip is the next activity to undertake.

As a child living on the farm created a summer full of exciting activities. However, I'm sure I too suffered from the what-can-I-do-blues. I hope these ideas help you combat the blues and make this summer a fun, productive one.

For more ideas on family activities, contact your Extension Office for the Celebrate Your Family series.

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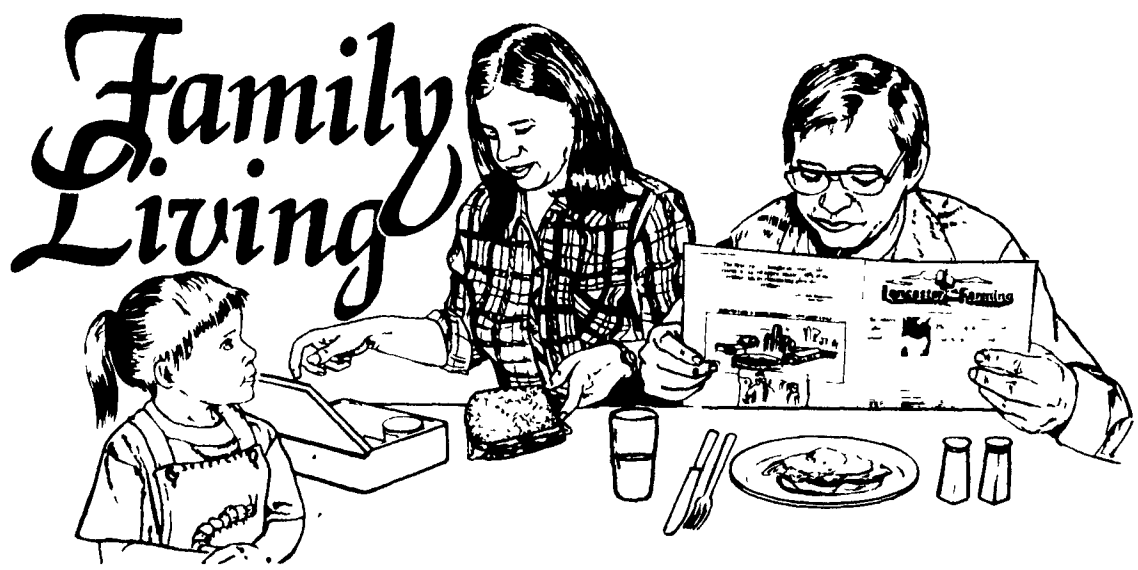


On being a farm wife - And other hazards

Joyce Bupp

You can do a lot of meditating while waiting in a supermarket checkout line.

Or, you can read, scanning the grabber headlines on the assorted periodicals displayed there to catch the captive-audience's pocketbook off guard.

Reading the covers in distinterested boredom recently while awaiting my turn at the register, a headline caught my eye on one of those so-called women's magazines. The headlines publicized an interview printed inside, with a well-known female entertainer.

That headline shouted that the interviewee was suggesting that American women need to "fix themselves up a little."

Having spent part of that sticky, humid, 100-degree day on the back of a hay wagon, tossing bales, to produce food to help feed the people who provide that entertainers livelihood, the headline bugged me to no end.

When are we supposed to "fix ourselves up?"

Between every load of hay? We went through six that hot afternoon.

Shall I demand that a shower be installed at every barn where we store hay, so we women can wash off the dusty hay dirt, so that when the men haul in the next load we might look all fresh, dewy and enticing?

Baloney.

Could we arrange a manicure between each trip to the garden, to clean the soil and weed residue from beneath our torn and stained fingernails? Fat chance.

Pigs escaped from the fence and running through a sopping wet backyard don't understand one whit that we American women are supposed to be fixed up. Or would you call that a mud bath beauty preparation?

And then there are milk baths, long touted as the ultimate in beautiful skin care. Having had more than my share of calf bottles dumped down over my person, and having been periodically doused with drippings from the milk line as it is swung into the wash position, I can personally attest that the milk bath bit is grossly overrated.

Frankly, after a good milk bath all you feel is sticky - and if you don't soon follow it with a water bath and plenty of soap, you'll come up smelling like outdated sour cream, and with only flies for friends.

The pink hue that clings to my knees as I depart Stan Brown's pick-your-own strawberry patch: would you call that makeup blush - in a strawberry shade? And are pink knees in this year, anyway?

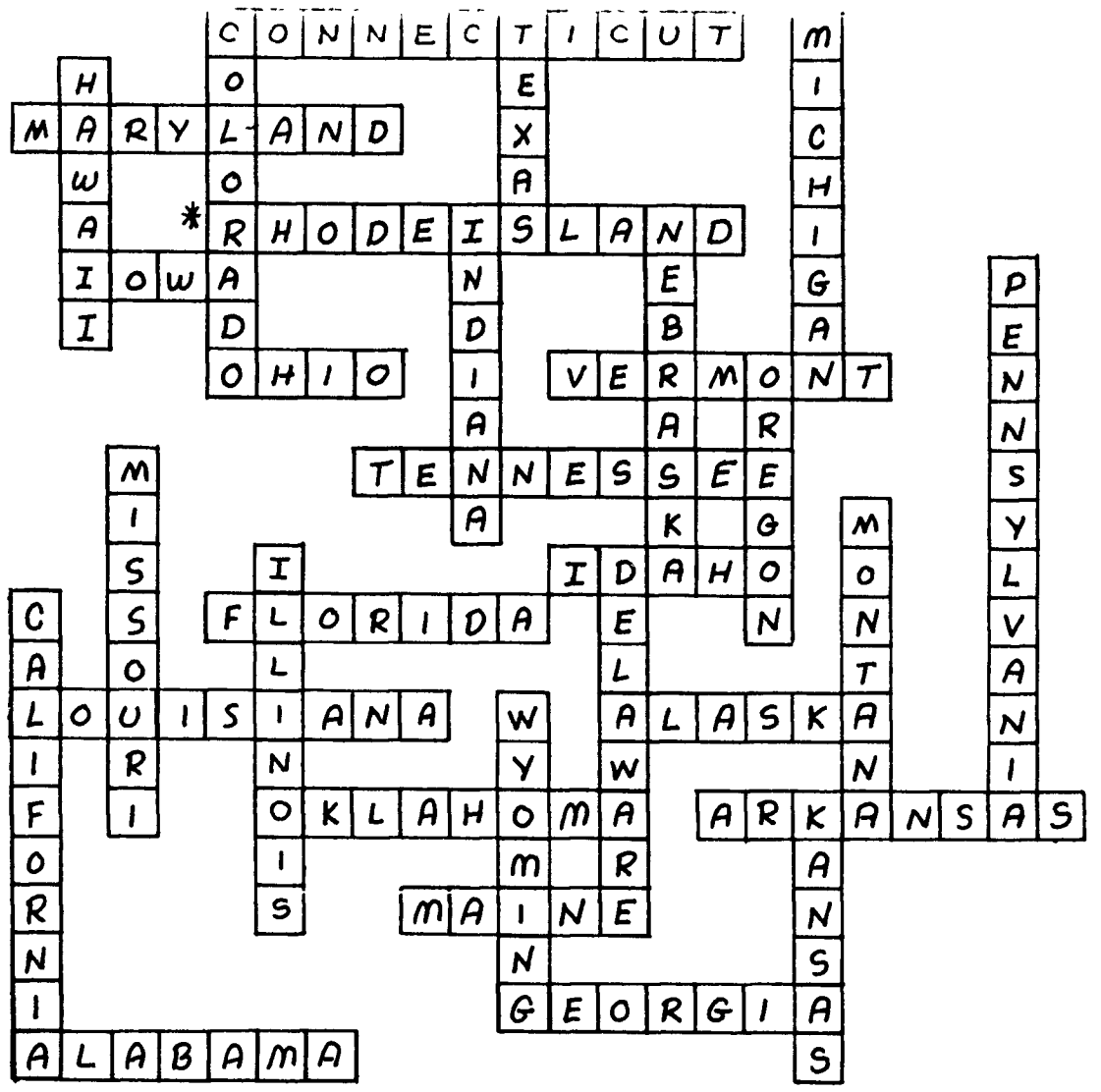
What right does a highly-paid entertainer who makes much more than most of us will ever see, who likely travels, in an air-conditioned, chauffeured bus, who doesn't tend cattle, or punch a time clock, or singlehandedly try to raise a family like many women, who has probably never had to make a bank loan in her life, have to come out telling us working women of America to "fix ourselves up?"

It happened that I had already bought that issue, so I came home and read the entire article.

For a long time, I had refrained from purchasing those women's magazines.

Now I remember why.

Puzzle answers



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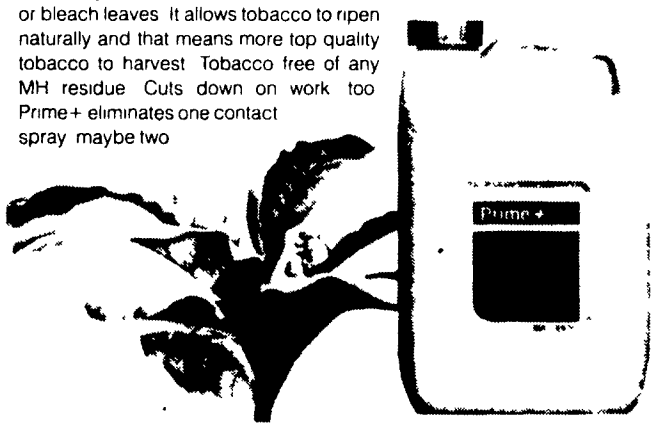

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Indiana County to select dairy princess

INDIANA — Indiana County Dairy Princess Lori Kirkland will crown her successor on July 7 at 8 p.m. in Sprowls Hall on the Indiana University of Pennsylvania campus in Indiana. Competing for the title are:

Lisa Coleman, 17-year-old daughter of Harry and Pauline Coleman of R1 Saltsburg. Lisa a 1984 graduate of Apollo-Ridge High School and plans to attend Penn State University to pursue a career in veterinary medicine. Her activities include pep club, ski club, health careers as well as being an active 4-H and F.F.A. member. Lisa's family milks Holsteins, Brown Swiss, Ayrshires and Jersey.

Cheryl Ann Compton, 19-year-old daugher of James and Mary Jo Compton of R1 Clarksburg. Cheryl is a graduate of Blairsville-Saltsburg High School and is a junior attending the Indiana University of Pennsylvania majoring in nutrition. Her activities include child care club, psychology club and a member of the United Presbyterian Church of Clarksburg. Cheryl has also been an active 4-H member for 11 years. Cheryl owns a total of nine Registered Holsteins from her family's herd of 100.

Lisa M. Foose, 17-year-old daughter of George and Elizabeth Foose of Home. Lisa is a 1984 graduate of Marion Center High School.

Julie Anne McMillen, 16-year-old daughter of John and Helen McMillen of R2 Marion Center. Julie Anne a senior attending Marion Center High School. She is a member of the United Nations club, marching, pep, football and

(Turn to Page B26)

Competing for the 1984 Indiana County dairy princess crown are (seated from left) Julie Anne McMillen, Elizabeth Mowry, Cheryl Compton and Lori Kirkland - Rieter, 1981-82 dairy princess. Standing from left are Lisa Foose, Lisa Coleman, Ruth Mcnutt and Beth Nesbit.

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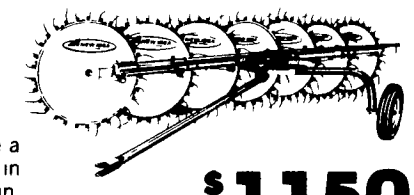

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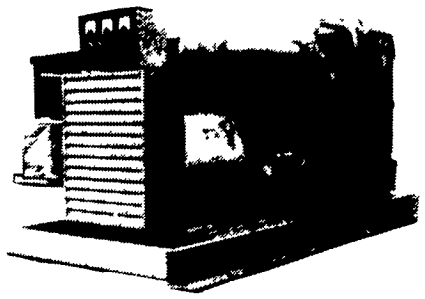

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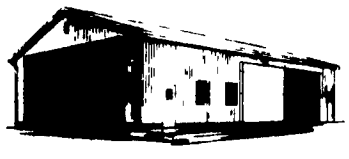

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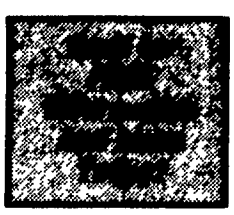

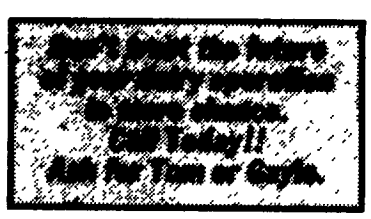

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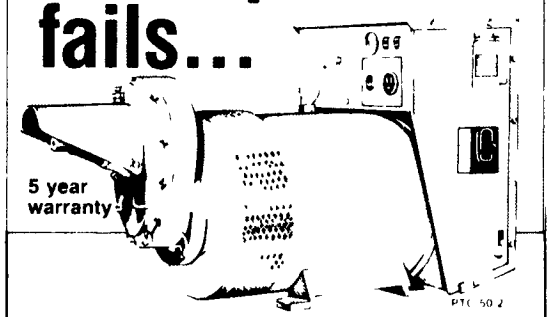

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Homemakers experiment with reduced sugar food preservation

BY SUZANNE KEENE

LANCASTER — Increasingly aware of their families' nutritional needs, homemakers are beginning to experiment with new canning and preserving methods.

To assist homemakers in their effort to provide the best food possible at the lowest price, Michelle Rodgers, a Lancaster extension home economist, held a seminar last week on canning and freezing with little or no sugar.

Michelle stressed that preserving without sugar is still in the experimental stages and urged the women to test their own ideas through trial and error.

"There probably isn't one right and one wrong way," to can without sugar, she said.

Sugar performs several functions in canning and freezing, she continued. It adds sweetness and helps the fruit retain a firm texture and a natural color.

However, sugar is not an essential part of the preservation procedure. Heating foods to a temperature that kills yeast and mold which can grow on food is the important step in canning that keeps the food from spoiling.

Just as sugar isn't essential in preserving food, neither is salt.

"Salt doesn't make the tomatoes that you're canning safe to eat," Michelle stressed. "It is the processing."

One way to eliminate sugar in canning is to simply add water instead of a water-sugar combination to the fruit. Michelle recommmeded using the "hot pack" method, where the fruit is simmered in water for three to five minutes, then packed in hot jars. This method reduces the chances of the fruit floating to the top of the jar.

Over time, she said, food preserved using the hot pack method will have greater nutritional value than food which is not heated before being placed in the jars.

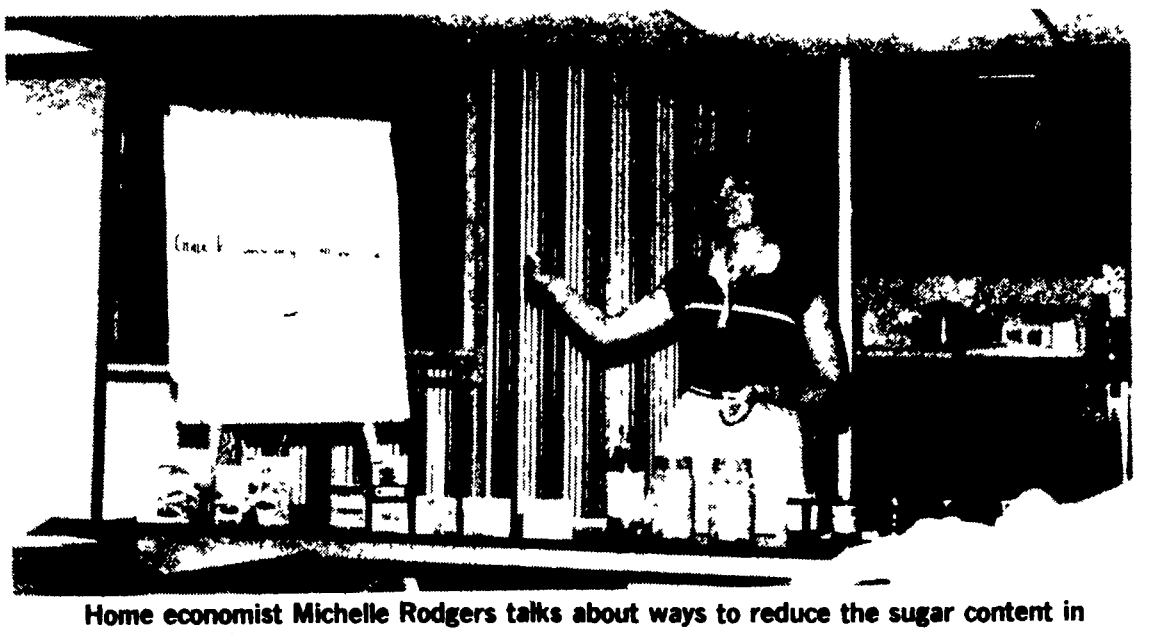
Another method of reducing but not eliminating the sugar is to preserve the food in a juice pack, using a frozen concentrate or unsweetened juice. Michelle said to dilute the concentrate and then add an equal amount of water. For example if you have one quart of diluted juice, add another quart of water to the mixture.

"The diluted flavor is more compatible," Michelle said.

The dilution can be changed to satisfy different tastes. Michelle recommended using apple juice with peaches, pears, apricots, plums, and red or white sweet cherries; pineapple juice with pears or peaches; and white grape juice with pears, peaches or apricots. Once again, she stressed that the women should experiment with different combinations until they find the ones they like.

Artificial sweetners can be used instead of sugar, but they should not be added until right before the food is served. Heat destroys a lot of these sweetners," Michelle explained. In some cases, food that has been preserved with artificial sweeteners takes on an unpleasant, bitter flavor.

Juices can also be used when freezing fruits. Freezing the food as fast as possible is important, Michelle said, because the ice crystals that form when the food is frozen are smaller and the fruit's structure is damaged less.



Home economist Michelle Rodgers talks about ways to reduce the sugar content in preserved foods.

Fruit should be thawed in the refrigerator right before serving, and tastes especially good with a few ice crystals still in it.

"It has much, much better flavor and texture," she said.

Ascorbic acid can be added to the food to help prevent it from darkening. The cheapest way to buy it, Michelle said, is in the form of vitamin C tablets. Using Fruit Fresh is another way to obtain similar results.

Unlike in canning fruits, sugar is an essential ingredient in preparing jams and jellies. In order for a gel to form, the proper ratio of sugar, pectin and acid must be present, Michelle said.

However a number of new of products have come on the market which allow the homemaker to make jelly using little or no sugar. Sure-Jell Light is a new product designed to be used with one-third less sugar. When using this product, Michelle said, it is important to follow directions very closely, and not to substitute it in place of regular pectin.

Michelle offered a few suggestions on preparing jams with less sugar, but stressed that low-sugar jellies are still in the experimental stage. "This information is changing hourly," she said.

Another pectin available, Mrs. Wages Home Jell Light, can be used with no sugar because it does not depend on on the sugar-acid ratio for its jell. Sweetner can be added after the jelly is boiled.

Michelle has been experimenting with this product, and has found that directions on the package produce a very stiff product. "If you want to set water, this will do it," she says.

Through her experimentation, Michelle has developed a low-sugar strawberry jam recipe using a half a cup of sugar, one box of Mrs. Wages, 48 packets of Equal and five cups of crushed strawberries. This recipe, she said, results in a nicer texture.

These are just a few suggestions for preserving foods with less sugar. Michelle said homemakers should continue to experiment, until they produce a product that satisfies them.

For a no-sugar grape jelly recipe, see this week's featured recipe on page B6.

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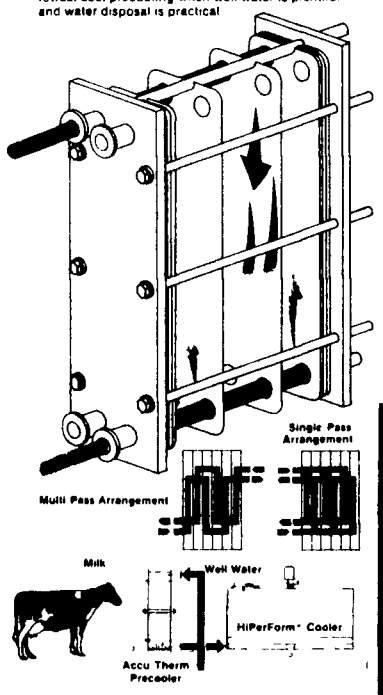

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Bucks 4-H'ers host Wisconsin 4-H group

BUCKS COUNTY — The phrase "You've got a friend in Pennsylvania" will ring through a group of Wisconsin 4-H'ers ears during their visit to Bucks County this summer.

Bucks County 4-h is hosting 10 4-H'ers from Kenosha County, Wisconsin, as part of an exchange between the two 4-H teen groups of July 13-19, 1984. The 4-H'ers will stay in homes throughout Bucks County and enjoy such activities as exploring Philadelphia, touring the Bucks County Courthouse, visiting the New Jersey shore and tubing down the Delaware River.

In the summer of 1985, the Bucks County 4-H teens will spend a week in Kenosha County, Wisconsin.

The purpose of 4-H Exchange programs is to provide young people with new cultural and travel experiences, help them to develop social skills, and most of all to make new friends.

The following 4-H members are participating in the exchange: Tim Kohl, 18, Doylestown; Dave Montgomery, 17, Doylestown; Jennifer Montgomery, 19, Doylestown; John Sempowski, 16, Springtown; Karen Scarborough, 15, Doylestown; Lori Miethe, 16, Pipersville; Jessica Stevens, 14, Doylestown; Joanna Jankowsky, 14, Southampton; Karen Lunova, 15, Churchville; Suzanne Batory, 14, Richboro; Arlene Miller, 16, Richboro; Renee Mullowney, 18, Churchville; Mrs. Essie Miethe, 4-H Leader from the Danboro 4-H Club and Debra Gregory, Bucks Co. 4-H Coordinator will be arranging plans for the exchange.

If you are between the ages of 8-19 and would like to know more about 4-H opportunities, contact the Bucks Co. 4-H Office at 343-2800, Ext. 385.

Round-up and Fashion Show

NEW HOLLAND — The Garden Spot 4-H Home-Ec Club will hold its annual Round-up and Fashion Show July 12 at the Liberty Fire Hall in New Holland at 7 p.m. The theme for the event will be "New York, New York".

Cooking, crafts, and child care projects will be displayed. The girls will model their sewing projects in the Fashion Show. Perfect attendance and best construction awards will be presented, as well as ribbons for all the girls according to the quality of her work. There will be entertainment and refreshments provided by the 4-H members.

Teen leaders for the Round-up are as follows: fashion show coordinator, Tammy Phillips; decorations, Laura McLean and Danette Caffrey; entertainment, Tammy Phillips and Danette Caffrey; refreshments Kim Hable; publicity, Jenny Gerber; and script, Cindy Styer and Brenda Solbrig.

Indiana dairy princess

(Continued from Page B24)

concert band. An active member of the Northern Indiana County 4-H livestock club, she is also active at the Marion Center Handy Helpers. Julie Anne is also a member of the Christian and Missionary Alliance Church in Punxsutawney. Julie Anne's family milks a herd of 80 Jersey cows.

Elizabeth Ann Mowry, 17-year-old daughter of Clarence and Grace Mowry Jr. of R1 Smicksburg. Elizabeth will be a senior at Dayton and Lenape Vo-Tech in Ford-city. Elizabeth's activities include the school chorus, chess club, Vica (Vocational Industrial Clubs of America), and the Mahoning Grange 1732. Elizabeth's family milks a herd of Holsteins.

Beth Nesbit, 20-year-old daughter of Karen and Jerry Nesbit of Marchand. Beth is a 1982 graduate of Punxsutawney Area High School and is currently a sophomore attending Indiana University of Pennsylvania majoring in rehabilitation. Beth's activities include being a staff correspondent for the Lancaster Farming, 1981 Alternate Dairy Princess, a former 4-H member of the Northern Indiana County 4-H Dairy club and an active member of the Marchand United Methodist Church. Beth owns a total of 30 Registered Holsteins from her family's herd of 200.

Contest rules and regulations were read to all contestants and their mothers at a tea that was held on June 12. An orientation and practice for the pageant was held on June 30, at McVitty auditorium on the Indiana University of Pennsylvania campus. - BN

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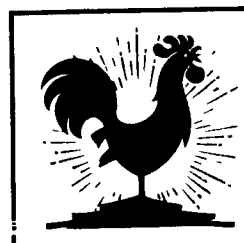

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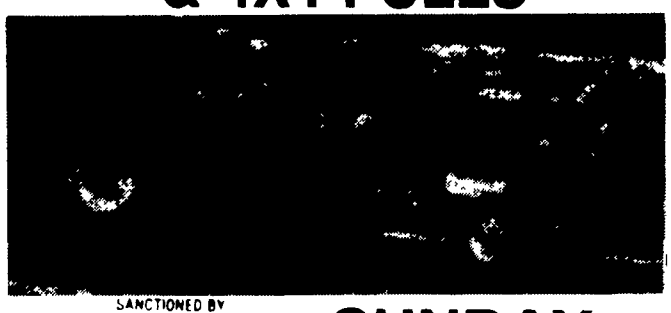

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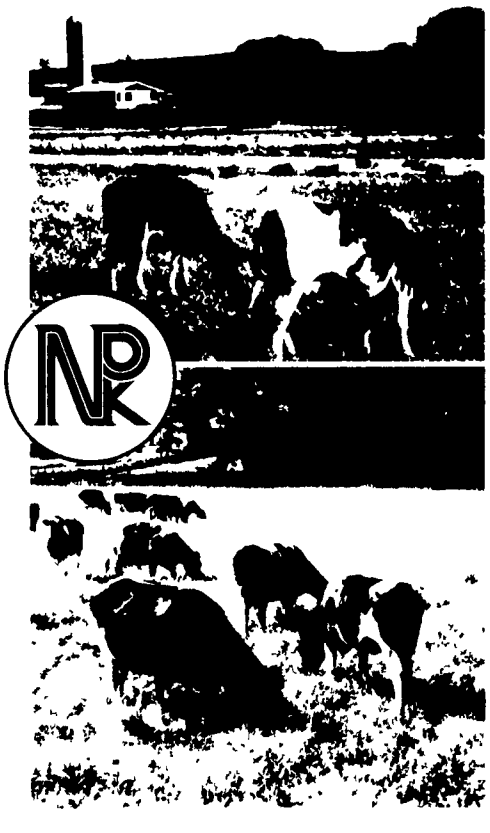

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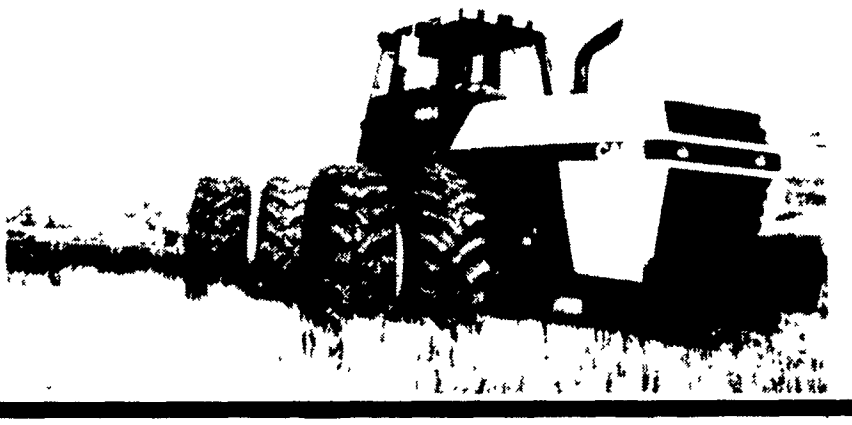

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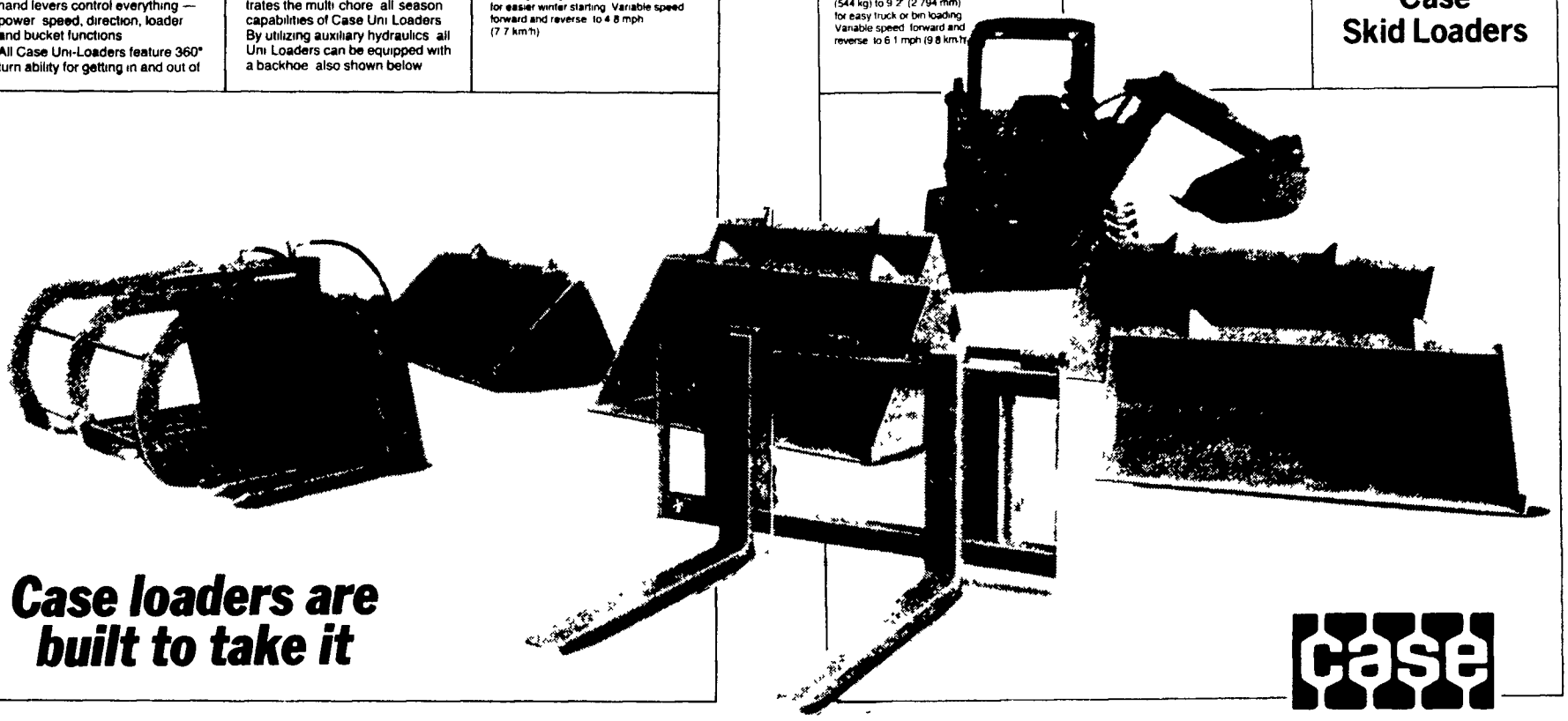

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Balance energy requirements and calories

NEWARK, Del. — We all know people who count their calories, but what exactly are they counting? A calorie is simple a unit of energy, just as a mile is a unit of distance and an hour a unit of time.

Calories measure the energy available in food, as well as the energy burned through activity. Balancing your body's energy requirements and the caloric value of the food you eat is the fundamental factor in weight control, explains University of Delaware extension home economist Claudia Holden.

When you consume more calories of energy than you need for fuel, your body stores the excess as fat — and you gain weight. On the other hand, when you eat fewer calories than your body needs to fuel itself, you'll generally lose weight. Since there are about 3,500 calories in a pound of stored fat, you'll normally lose a pound for each deficit of 3,500 calories.

Calorie counting alone, though, is not a safe way to lose, gain, or maintain weight. If you choose foods only for their calorie content, you may miss nutrients you need for health and vitality. When you're watching your calories with an eye toward losing weight, Holden says it's a good idea to use not only a table of caloric values, but also a food guide as an aid to choosing foods that provide the vitamins, minerals, and proten you need. It's difficult to meet nutritional requirements with fewer than 1,200 calories per day, so the home economist advises against restricting calories more than this unless under a doctor's supervision.

The amount of calories you need, though, depends on your age, sex, desirable weight, and daily activity level. The recommended dietary allowances chart offers a range of caloric needs for various age groups. The range reflects individual differences in activity level and basal metabolism (the rate at which your body burns energy).

For a general idea of your daily caloric needs, consult a recent desirable weight table. Take the midpoint of your desirable weight range and multiply that figure by 18 if you're a man, 16 if you're a woman. The resulting figure will be the approximate number of calories used daily by an adult of average activity.

If you are vigorously active, your calorie needs will be much higher. Likewise, if you're relatively inactive, you'll need fewer calories than the calculation indicates.

As a general rule, a food is likely relatively low in calories if it is thin and watery like tomato juice, cripsy but not greasy like celery, radishes and cucumbers, or bulky like salad greens.

A food is likely relatively high in calories if it is crisp and greasy from frying, buttery, creamy or sugary.

Holden says the best way to keep calories in balance is to eat an appropriate amount of nutritious food and exercise regularly.

Desirable weight tables, daily food guides, recommended dietary allowance charts and other aids are available in county extension office in Newark, Dover and Georgetown.

Winners named in New Jersey FFA Horse Judging Contest

NEW BRUNSWICK, NJ — The New Jersey FFA held its Annual Horse Judging Contest in conjunction with the State 4-H Contest on June 27, 1984, at the Tustin Horse Farm in Mt. Holly, New Jersey. The contest was conducted by Kayrn Malinowski, Cook College extension associate in horse management.

The contest consisted of six classes — Hunters, Appoloosas, Hunters Under Saddle, Welsh Ponies, Arabians, and a Western Pleasure Class. Three sets of oral reasons were given on the placings.

The top four teams in the order in which they placed were Northern Burlington FFA Chapter, Columbus; Allentown FFA Chapter, Allentown; Newton FFA Chapter, Newton; and Cumberland Regional FFA Chapter, Seabrook, New Jersey. The Northern Burlington Team will represent New Jersey at the International Arabian Youth Contest in Louisville, Kentucky in October.

The first three individuals in the state competition were Cathy Russell, Michelle Shea and Lisa Szelc, all from Northern Burlington. Kim Nayda, Cumberland FFA, placed fourth and Dale Smith, Allentown FFA, placed fifth in the state. These individuals will be recognized at the state convention next spring and the top three will receive gold, silver, and bronze medals.

Tips for keeping cut roses fresh

MEDIA — Roses are so fresh and lovely in the garden, but do yours wilt and lose their bloom when you bring them inside? Don't be discouraged, you can keep rosebuds fresh for days if you follow these suggestions from C.R. Bryan, Jr. Delaware County cooperative extension service director.

When you are given a bouquet of rosebuds, make a fresh cut at least one inch from the base of each of the stems. Then put them in a deep container of warm water - 110°F or "bath temperature" - and allow the buds to remain there for several hours. If you have cut your own rosebuds, plunge them in warm water right away.

Once you have finished this treatment, place the rosebuds in a vase with warm water. You may add a floral preservative to the water to control bacteria and give developing roses some food. Be sure to follow the directions on the container.

If you are using untreated water, change it daily and recut the stems to make sure the water reaches the rose petals and leaves. To make a fresh cut, hold the stem in one hand and make a clean, slanting cut with a sharp knife. For safety, always cut away from your body.

No meat quotas

WASHINGTON, D.C. — Secretary of Agriculture John Block has said the third quarterly estimate of U. S. meat imports for 1984 is below the level that would require quotas on imports under the Meat Import Act of 1979.

Block said that based on USDA estimates of available supplies, imports of beef and certain other meats should total not more than 1,190 million pounds -- about 38 million pounds below the 1984 trigger level of 1,228 million pounds.

The Meat Import Act requires the president to restrict imports of certain meats — primarily beef and veal — if USDA estimates imports of those meats will equal or exceed 110 percent of a stated level.

"Based on today's estimate, there is no need to impose import restrictions during the quarter beginning July 1," Block said. "Our analysis of conditions in this country and abroad affecting meat imports strongly suggests there will be no need for import restrictions for the remainder of the year."

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PERFECT GENTLEMAN'S FARM: ideal for any kind of stock or farming venture 383 acres with 180 tillable and 100 acre woodlot Stream runs through Excellent 5 bedroom ranch has hardwood floors throughout and a 5 acre lake in the yard Barn measures 30x50 and is also in very good condition Widow cannot keep farm up the way she is used to and asks no-nonsense price of $117,000 for fast sale For appt call 607-792-3355 or WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

HUGE FREE DAIRY CATALOGUES. FREE FROM WIMPLE ASSOCIATES, SLOANSVILLE, NY 12160

MAILBOX MARKET

Wanted Honey extractor 2 or 3 frame reversible stainless steel, Lanc Co 717-733-8581

For Sale 1973 Liberty mobile home 12x60 - 2 bdrm good cond , $7000 00, call after 6 p m Harford Co , Md 301-692-6620

Wanted - Operator's Manual for 28" McCormick threshing machine Contact David D Yoder, RT 1-Box 55-A, Meyersdale, Pa 15552

Wanted - Used blocking chute for cattle Howard Co , Md 1-301-442-2338

Wanted - Wrecked or burned 770 NH Harvester or gearbox for same Lawrence Co , Pa 412-652-3018

For Sale 300 gal skid type gas tank unleaded an reg nozzles, like new $80 00 Leb Co 717-949 3988

For Sale - Ford 7' pull-type combine $300 00, Bin wagon $450 00, self unloading forage wagons, $250 00 & 850 00, Leb Co (717) 865-2202

For Sale Used 1 yr Danby refrig , 17"x18"x20" $100 Call between 9 A M & 3 P M 717 626 5466, Lanc Co

For Sale HD-7 dozer 955 Cat 12A (traxcavator) TD-9 (drott) loader, Lanc Co 215-445 6032

For Sale 2 rings of steel for 7' butler bulk tank York Co 717-252-3704

For Sale GEM GRAIN ROASTER 12 ton/hr , capacity, Extinguisher system installed mobile unit New cond , used very little (703) 825-8955

For Sale - 71 Ford C600 4 spd , 2 spd , rear, PTO, 125" CA, $1500 00, Reg Holstein bull Monroe Co , 717 629-0849

For Sale 6 acre farm w/10 room house 5 miles south of Selinsgrove along 11 15 Snyder Co , 717 658 5121

Home Wanted Pampered black Angus yearling bull looking for a herd of ladies to call his For Sale Sch Co 717 467 2792

For Sale Snow crown cauliflower plants ready now 25 00 a thousand Lanc Co 215 445 6917

For Sale Muscovy Mallard & black Swedish ducklings, started heifer & bull calves (some beef type) York Co , 717 244 0624 or (244 0624)

MAILBOX MARKET

For Sale Blanket appaloosa mare, 14 yrs old, 15 3 h t has April colt at side, $1300/paid Adams Co , 1 717-359-5281

For Sale Elkhound puppies, AKC, Ed Yoder - Street-Md Harford Co , 301-836-1213

Wanted - Parts for Frick O Sawmill also a Frick thrashing, machine 22" Seth J Hostetler RD#1 Box 193A Milroy, Pa 17063

For Sale - 8 Unit, 4 tier, stainless steel rabbit cages, $95 00 ea Hunterdon Co , N J 609 397 1179

For Sale - Fancy Arab/Welsh yearling filly, affectionate, mannerly, perfect for young person or stylish driver, $600 00 Berks Co , 215-582-4763

For Sale Fairbanks Marse scales weighs to 500 pd 2 Jenny donkies, 1 drives, 1 pony mule Cumber 717 243-8149

For Sale Four 6 lug Chevy wagon wheels, 15"x8", $65 Two green bucket seats, $5/piece Leb Co 717-949-3317

For Sale - 3 service age Landrace & Yorkshire boars, Samuel J Moyer Annville, Pa Leb Co 717-865-4917

For Sale 1937 Farmall F-20 Narrow Tread completely restored, runs good, good tires $950 or best offer Must Sell (717) 637-1234

For Sale - Rear & trans parts for Oliver 70 Chevy 1935 one T dump truck for parts Montg Co 215 539-5045

For Sale 1 row IH potato digger power operated exc $285 Harold Mundy Route 202, 3 Bridges, N J 08887, 201-782 0193

For Sale NH 404 hay crusher, $100, 9½' stake body, $200, 10' dump body w/pump & hoist $200 Warren Co 201 453 2491

For Sale FARQUHAR portable steam engine 8½x11", missing stack & some piping Ready for restoration Butler Co 412 283 1486

For Sale Border Collie puppies, Charolais heifers breeding age, JD bale wagon, 10 ton capacity 18x8 Leh Co 215 756 6618

Wanted Clean Spring oats, wheat or barley straw, no thistles, Johnson grass or shattercane, Lanc Co 717 872 5663

MAILBOX MARKET

For Sale Stainless steel honey extractor $149 00, two 9 50x16 5 truck tires on Ford 8 lug rims $40 00, Dau Co 717 896-8637

For Sale - 12 16' 98A Patz silo unloader completely recond , (717) 924 3460

For Sale Two purebred Chester white boars 250 00 ea Lanc Co 717 354-8933

Help Wanted - Man to work on dairy farm full time or part-time house available Berks Co , 215 488-6816

For Sale 27 feed pigs Landracer & Yorkshire cross about 50 lbs Dau Co , 717-566-0329

For Sale Corriedales - Reg ewes & rams 4 H proj Center Co , (814) 238-1416

Wanted JD 50 mower mounting brackets to fit utility tractor For Sale mounts to fit rowcrop tractor Lanc Co 215 445-4780

For Sale - 2 Used 10x34 tractor tires good tread 1 broken, 1 tube $40 00 for all York Co , 717-244-5039

For Sale Grain auger 6"x12' & Sex-Sal Pullet Alvin B Leid Ephrata RR3 17522 Lanc Co Martindale

For Sale D19 AC tractor, AC side mount mower, Hesston 1400 self-loading liq , manure spreader, Lanc Co 717 529-2204

For Sale - 300 gal Hardy sprayer, good cond , $400 Can deliver Leh Co 215 767-6048

For Sale - 1970 R Mack, 237 maxidine, high range, 1974 Fruehauf 28' aluminum dump trailer & bows (717) 624-2230 (Adams)

For Sale - 2 holsteins steers & 2 black angus x hereford heifers 500-600 lbs York Co 717 292 2245

Wanted - Steel wheels, 58"-60" high, 12"-16" wide, Also silo roof, 16 ft Lanc Co 717-354-6310

For Sale - 2 hand start tractors, JD A $400 00, AC B $550 00, both in good Berks Co (215) 488-7383

For Sale Nubian goat kids, really colorful Only does left $35 Some yearlings available Ready to breed Berks Co 215-987-6098

For Sale - Two 275 gal fuel tanks w/pumps $175, ea Both like new, Wanted - Used Bedding chopper, Lanc Co 215 267-8110

For Sale - Used pipe 1½" $ 40 ft , 2"-$ 50 ft 2½" heavy angle iron Lanc Co 717-872-5924, No Sunday calls

For Sale - Used silo & loaders sizes 12 to 20 ft Lanc Co 215-484-2517

For Sale - Very good cond , Go-Cart w/3hp Tecumseh eng , centrifugal clutch, sold new by Sears, 195 00, (717) 569 9654 Lanc Co

For Sale 17 ft camper trailer equip , w/gas & elect elect , brakes Bathroom w/holding tank, price $1000 00, 301-658-6317, Cecil Co , Md

For Sale JD 105 diesel corn special combine, 14' grain, 643, 444 corn heads, No Sunday calls York Co 717-259-9922

For Sale Goat kids $14 00, Levi F Esh Jr , RD 3, Box 387 Rt 896 Quarryville, Pa 17566

For Sale 2 Hardie boom hi pressure sprayers, Farmall AV, Farmall C w/mower cult's & plow Luz Co , 717 256 3309

For Sale Young Muscovy ducks (will trade for mated pair of geese or other breed of ducks) York Co 717 432 2762

For Sale Plow 4 16" 3 pt , 1½ 7½, 10 hp motors, LN800 truck grain bed, Perry Co , Eve 717 444-3898

MAILBOX MARKET

For Sale 500 lb cap platform scale in good shape Gruber flatbed wagon on wooden wheel in good shape 717 354 0616

For Sale Gleaner Model E combine ready for field $2000/best offer, straw shredder for E combine $100 Berks Co 215 682 6429

For Sale 50 pc 3"x8"x13' & 25 pc 14' oak lumber George B Leid RD #1, Leid Rd , East Earl, Pa 17519

Wanted Reg American Alpine buck kid or bigger York Co 717-927-9061

For Sale - Viking sewing machine, good cond , 717 866 6086

For Sale - NH 259 hay rake rubber teeth A 1 $1795 IH 100 balance fast hitch mower $675 717 354-0266

Wanted Timeclock for business & sturdy safe Also want used child's bow (20-30#) 717-993-6461

Notice Free to good home ½ Welsh Gorgi, great watchdog, shots & wormed Domestic geese for sale Mont Co 215 845-7827

Wanted - Rollguard & canopy for JD 2020 utility tractor, 215-932-8499

Wanted Off set disc plow 9'-10', 215-932-3352

For Sale - 6 acres heavy rye straw at harvest (you bale) Lanc Co (717) 367 9543

For Sale Chest Freezer 13 cu ft Frigidaire, trouble-free, 50 00, Lititz, Pa 717-626-1825

For Sale - MF 300 diesel combine, lockwood mark 6 potatoe harvester Leb Co (717) 949-3077

For Sale - Insley H100 hydraulic excavator w/36" bucket 453 GM diesel, A 1 cond , Allegany, Co , Md 301-264-3349

For Sale - Farmall Cub w/cultivator, plow, mower snow plow & pulley 1971-3020 JD diesel w/wide front York Co , 717-637 8172

For Sale JD 60 power steering, 3 pt hitch, #45 loader Lanc Co 717-367-3234

For Sale - VAC Case $600 00, NI trailer mower $125 00, Berks Co (215) 488-7383

For Sale AC Gleaner A combine, straw chopper, 10 ft head, hume real, field ready $800 Lyc Co 717-547 2113

For Sale - pair bay mares 4 yrs old 3200#, one-4 yr old mare, & 5 yr old mare 814 885 8364

For Sale - FMC flatbed tomato harvester, $5500 Juniata Co , 717-444-3958

Wanted - 20 head of Brahma bull calves, also JD 318 tractor & 50 in mower, Adams Co 717-334-1824

For Sale Used Irish horse collars 18" to 28" also other collars Christ E Fisher Box 162, Paradise, Pa 17562

For Sale 1970 Scout 800B as is Some new parts No reasonable offer refused Berks Co , 717 933-5427 after 4 p m

For Sale 28" Smuckers pit elevator David S Lantz PO Box 142 Beechdale Rd , Bird In Hand, Pa 17505

For Sale - Top buggy w/brakes on steel first owner good cond , $8 75 Willis H Leid R#1 East Earl, Pa 17519

For Sale Plain open carriage choice of two Jacob K Stoltzfus Strasburg, RD 1 Box 215 A, Pa 17579

For Sale M W 450 bu pr hr continues flow grain dryer, Ford 600 feed truck w/feed blower Lanc Co 717 354 9136

For Sale JD 3 pt 3 btm plow, hammermill, surge, elect pulsation milking system, dumping station York Co , 717-252 3794

MAILBOX MARKET

For Sale Purebred German Shepherd pups 2 males black & tan Lanc Co 215 445 5522

For Sale IH 2 M H mtd cornpicker very good cond , kept in, priced reasonable Harford Co 301 452-5122 eves

For Sale 4 P195/75R15 B F Goodrich Radial XL 200 tires, Driven only 200 miles York Co , Pa 717 235-5189

For Sale Cabbage, broccoli, cauliflower plants $15 & 20 thousa Lanc Co Paul M Hoover East Earl RD#1, Box 363B Black Creek Rd , PA 17519

Wanted Old boards 8" wide or more Lanc Co 215-445-6987

For Sale - 3 pt 7 ft IH 1300 mower, 3 pt 5 ft rotary cutter, after 4 30 Dau Co , 717 362-9791

For Sale 1968 AMC Rebel too good for junk, just needs transmission Make an offer Lanc Co 215-267-5860

For Sale Sheet metal & tin smith tools rolls, bench plate & stakes, etc Lanc Co 717 354 7613

For Sale - Locke Maxi-II riding reel type lawn mower 86" cut Good condition Bucks Co , 215-343 3475 after 6 p m

Notice - Free, you may use a good pedigreed bull artifically sampled waiting for proof Chester Co , 215 932-9762 or 215 932 2607

For Sale Bean high clearance sweet corn/tobacco sprayer $2750, 430 3 pt Hitch tractor $2450, Montg Co , (215) 279-5569

For Sale Only one left Triplet black ram lamb Father sired consistently better than 200% $50 717-738-2125

For Sale Rivett tool makers lathe, w/Q C , 5 C collets, 3 & 4 jaw chucks, tooling, 2500 00 Warren Co , 201 453 2088

For Sale - 18'x50' concrete stave silo w/pipe & dist Filled twice You remove $4200 00 Berks Co (215) 756-6622 after 8 p m

For Sale - Cornbarn 24 x 36, Round corn crib w/ventilator Must be moved NI Two row narrow cornpicker Lanc Co 717-464 2398

For Sale MH Clipper 7' combine w/PTO, bin & hyd cyl , platform Stored inside operating $150 York Co 717 244-0770

For Sale Antique 2 horse grain drill, hoe type, circa 1861 manufactured in Lanc by H K Stoner, Lanc Co 717-872 8079

For Sale Cookware large set of waterless stainless steel Never used Best offer 717-464 4955

For Sale Reg Quarter Horse Palamino mare 15 hands, 10 yrs old Columbia Area 1 717 684-0881

For Sale or trade for hay 2 Hampshire Ewes, 5 Ewe lambs Lanc Co 717 898 7392

Wanted Flat wall rock, unlimited fill dirt, dog kennel w/run, railroad ties, school playground equipment Chester Co (215) 363-2461 eves

For Sale - 479 NH Haybine good cond , $1500 Eli Z Horning, 717 354-9927

Notice Exp herdsman willing to milk weekends & holidays Ref avail Lanc Co 215-445 5770

For Sale Rabbits Dwarf, Rex, Mini Lop, New Zealand Duckling's Coachins Kittens, Bucks Co 215 679 8374 or 536 4171

For Sale Wooden teacher's desk Sturdy & in good cond Benj S Miller #1 Box 250 Paradise, PA 17562

For Sale Wood stove, fisher papa bear, good cond , Stove pipe included $350 00, Lanc Co 717-626 7652

MAILBOX MARKET

For Sale 203 combine good cond , $2400 00, 605 Vermeer round baler, 78 Olds Diesel station wagon York Co 717 432 4598 eves

Wanted Used cement mixer, 16' 24' grain/hay elevator, farm wagons, manure spreader, & haybine fair cond , Adams Co 717-624 8992

For Sale - Ford 310, 2 row no till corn planter, w/fertilizer attach, JD 13 disk grain drill, York Co 717 432 5047

For Sale - PT 540 MG Co Bush chipper 3 pt , PTO mount to 30+ Hp tractor $1600 00, Berks Co , 215 944-8659

For Sale - Ayrshire heifer calf Dam milking 70 lbs daily, 4 2 milk Sire Gallant Man, Berks Co (717) 933-4385 or 933-4880

For Sale Doberman pups AKC reg , 6 wks , males & female shots & wormed Very large parents Montg Co , 215-754 7304

For Sale Gentleman Janitor oil furnace 179,000 BTU recond , new domestic water coil, fire box liner $600 North Co , 717-758 4631

For Sale Gehl 95 Hammermill-Mixer in exc cond , Leb Co 717 866 5349

For Sale or Trade - 1975 GMC 6500 series 75,000 miles or will trade on farm tractor Snyder Co 717-374-8837

For Sale 16' van body nice rollup door, curb door, nice $675, 18' for storage damaged $325 Berks Co , 215-286-5311

For Sale - Restored 1937 F-12 Farmall tractor w/cult & pulley Must sell!! Berks Co , 215 779 7127

Wanted Case SP Haybine #655 for parts or working Also 3 pt winch, PTO drive, Fulton co , 717 987-3732

Wanted Int harvester supplement paper Warren Stair 504 St John Rd Littlestown, Pa 17340

For Sale Used corrugated roofing, 24" wide 10' & 12' lengths Approx 17 sq $85 00/best offer Lanc Co 717-354-0327

For Sale Reg 4 yr old Hampshire van vleck ram $125 00, also Hampshire ewe lambs York Co , 717 741-2222

Wanted 1 used LP gas burner 180 000 to 200 000 BTU round burner for butcher kettle John W Martin, York, Pa 717 225-4185

For Sale 4 horse gooseneck trailer $1800 00 or best offer, pleasure horse $500 00, & western saddle $200 00 Leb Co , 717 933-4062

For Sale Oliver 1800 diesel tractor, Int 91 combine, MacKissic grain cart, Dau Co , Call after 5 p m 717-469-0033

For Sale Elec hay presever or a baler like new $185 Lanc Co 717 859 1523

For Sale - Quality corn silage, $30 a ton, Lanc water softner, good cond , also freezer best offer Lanc Co 717 656-8052

For Sale Semen tank w/breeding kit MVE 60 day tank w/nine units Holstein semen $250 Lanc Co 717-442 4183 Jim Mitchell

For Sale Beautiful limestone & sandstone building stone can be seen in wall also red colonial brick Lanc Co 215 445 6453

For Sale 2 work horses 3 & 4 yrs old Henry S Beiler R#1 Box 83 Christiana, Pa 17509

For Sale Anvil & Stand 100 00 32' wood ladder 65 00 24' of 6" steel stove pipe elbows, $50 00, Lanc Co 215 267 7049

MAILBOX MARKET

For Sale D6 Caterpillar, 5R Model, 10' hyd blade, used on farm, good running cond , Bedford Co , 814 652-2066

For Sale 16' Flatbed for farm wagon exc cond , $225 00, Lanc Co 717 872 7171

For Sale Chihuahua/terrier mixed pups, 323 corn picker & 2 row IH fast hitch corn planter Lanc Co 717-354-8970

For Sale 5 yr old pony broke to ride & drive Also harness & cart Lanc Co 717-354 7685

For Sale Harvester 100 roller mill w/3 horse motor $1200 00, harvestor sweet corn unloader for 20' silo $1500 00 Chester Co 215 273 3585

For Sale Well built bull calf Charolais/Holstein $1 00/lb Also large 3 phase converter unit $100 00 Lanc Co 717 354-5691

For Sale 5 yr old or 3 yr old Belgian mare Isaac L Fisher 80-B N Soudersburg Rd , Gordonville, Pa 17529

For Sale - JD 5 14" trailer plow complete or parts INT 1 PR picker, INT 350 1 row harvester Lanc Co 717-354-5060

For Sale 345 Owatonna Mustang HR 2500 good cond , ph 717 354-0484

For Sale - Eskimo pups Elam F Smucker RD 3 Box 35, Quarryville, Pa 17566 Pumping Station Rd

For Sale Int 3 pt 1300 7' mower w/cyl lowest raises cutter bar, 2 knives $1500 00, Hanover, Pa 717-637-1232

Wanted - School black boards & desks Also good used tablesaw Write to Jacob J Fisher Spring Hollow Rd , RD 2 Strasburg, Pa 17579

For Sale Gossling, Jacob L Miller, Mill Creek School Rd Bird in-Hand, Pa 17505

For Sale Purebred Keshound pups, 8 wks old $60 Gideon F Stoltzfus Box 232A, Snakehill Rd , Bird in Hand, Pa

For Sale - 1"x6 ash boards up to 14' good for barn floor Lanc Co 717 733 6319

For Sale B-N-Farmall 6 ft scraper blade set chains runs good $1100 00 or best offer Lanc Co 717 393-7373

For Sale NH 36 ft elevator like new Henry L Beiler RD#1 Box 279 Kirkwood, Pa Liberty Lane, Lanc Co

For Sale - 2 in stainless steel surge pipeline Union Co 717 966-3965

Wanted Conditioner for NH 903 self propelled haybine Col Co 717 784 1779

For Sale Service age, Durco boar, real good stock & also coal brooder stoves 215 267 2251

For Sale McDeering #9 mower, 7' bar also JD corn binder Elam B Stoltzfoos 91 Hess Rd , Leola, Pa 17540 Lanc Co

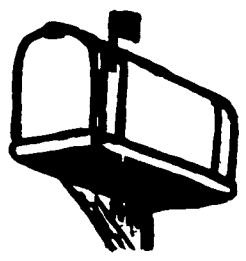
For Sale DeKalb Leghorn pullets $295 ea 100 lots mature geese $15 00, pair, Pheasants, Quail, Red Turkeys, Brodbecks, Pa 717 229 2933

For Sale Old wooden window shutters 17 pc louvred 14"x59", 5 pr panel 14"x63" 10 00/pr Lanc Co 717 656 8036

For Sale Engine complete 304 CID Int 37 000 miles cultivators (hydra for H or M Farmall York Co 717 938-6318

For Sale 2 cyl Wisc baler engine recond $250 One w/starter & clutch Samuel S Stoltzfus 2447 Stumptown Rd Bird in Hand Pa 17505

For Sale 20' roll back w/winch on 69 Chevy C 60 cab over roll back good truck as is York Co 717 432-3991



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Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules.

Limit your advertisement to 20 words. area code must be added to phone number and due to repeated requests please include your county for buyer and seller convenience. all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper. no business advertisements accepted.

Include your Lancaster Farming mailing label and mail to:

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MAILBOX MARKET

For Sale 21" Lawn Boy push mower, w/grass, catcher 150 00 like new, Lanc Co (717) 738 2322

For Sale Five steel farrowing crates w/adjustable sides Two small round feeders $50 ea Leb Co Pa 717 933 5523

Wanted Old rag carpet, hooked rugs quilts mortissed benches old furniture Lanc Co (717) 626 7854

For Sale 702 G NI Uni tractor w/combine picker & chopper $5,000 Berks Co , 215 682-2624

Wanted Flat belt pulley attachment for a D4 Cat Samuel E Beiler RD 2 Box 118 Pa 17747, Clinton Co

For Sale Stationary silage chopper blower Cheap 10 KW Emergency power plant, Sch Co (717) 875 1360.

For Sale 30" White Philco Elect stove, good cond , $35 00 Berks Co 215-488 1400

For Sale CAT-D6 7U Series parts 2-4296 MM Combines corn & grain heads one for parts, Bucks Co 215-794-8313

For Sale Soybean from cert seed 96% germ, Lanc Co , Ephrata, Pa 717-733 6319

For Sale 4x8 wire flooring, 18" fiber glass fan, 550 chopper w/2 heads, 6000 bushel grain storage bin Berks Co 215 488 1337

For Sale Int combine model 64 w/cub motor good cond , Sch Co , 717 386 5654

For Sale 100 ton ryelage 20 00 per ton, can load 62-500 lb bales rye straw, $15 00 ea , Lanc Co 717-665 2358

For Sale Oliver 1600 tractor 65 HP, fair cond good rubber, recently tuned, $2500 Bucks Co 215 766 8776 day night (215) 348 2249

For Sale Outside calf hutches, $75 each, David B Stoltzfus, Rd 2, Box 282B, Nottingham, PA take Brown Rd at Little Britian second road right

For Sale Spring wagons & buggies & horse related items 301 398 5696 after 7 30 P M

For Sale Heavy duty trailer 4 wheels 7½'x16' long canvas jeep top Wanted 1936 Ford 2 door sedan Montg Co 215-933-2469

MAILBOX MARKET

For Sale 4000 Ft Rock Pak, 1" to 1¼" Also Cherry & Poplar 717 776 3239 after 5 p m

For Sale 1972 IH Loadstar 2000 twin screw road tractor, 6 71 Detroit diesel 13 speed power divider Leb Co 717 273 5231

For Sale 1978 cattle truck, 21' alum Edin body C 65 series, 366 engine, 5 speed trans , 2 speed axel $12,000 301 838 8143

For Sale Asplundh chipper recond , county (Ford) 4-WD 3 PT , PS loader, Diesel EVE & Weekends, Perry Co 717 444-3344

For Sale - NH 268 Baler $800, PR Picker $300, Ford 2 Row Planter $400, JD 494A Planter $600, North Co 215 759-7829

For Sale 6 yr old Strawberry Roan gelding 15 2 hands solid & sound, shots $900 00, Berks Co (215) 779-1008 after 5 p m

For Sale - 1983 Honda ATC 3-wheeler, 717-733-9585

For Sale 2 Reg Polled Hereford cow-calf pairs, 2 yr old bred heifer, herd sire, yearling bull, Columbia Co , 717-437 2656

For Sale - Ford 602 corn picker, good cond , also used lumber 2x6 pine 8 ft long Carroll Co , Md 301 346-7506

For Sale 20 Holstein herd 13 reg 7 grades including 6 heifers freshening July thru December D H I A , Carroll Co , 301 751 1547

For Sale 50 cow wall mounted breeding chart, Atta Glance Cow Diary $45, Lanc Co 717 426 3689

For Sale JD 3300 combine 12 grain head good shape $9500 00 Centre Co 814 383 2635

For Sale Woodland 40 acres, 72, Ford 18' van body 5 2 trans wood & coal furnace Lyc Co , 717 745-7777

For Sale Want Frick O Saw mill stated price Christ M Yoder Box 207 Milroy, Pa 17863

For Sale JD 224 T Baler 200 Farmall tractor w/cultivator, also side rake, Berks Co , after 6 p m 215-683 3154

Horse For Sale Appaloosa mare, 3 yrs old Asking $500 00 Dau Co , 717-896-9020 or 717 362-9925

For Sale Reg Morgan 1984 Colts Well bred $500 700 Bentwood Morgan Farm, Bucks Co 215 536 5353 eves & weekends

For Sale 1980 YAMAHA 850 Motorcycle Low miles in excellent cond Best offer, will trade for heifers 717 687 8536 or 215-932-4312

For Sale - 6 yr Saddle bred horse Henry Beiler 129 S Maple Ave Leola, Pa 17540 Lanc Co

For Sale Reg Border Collie pups, 6 wks old Lanc Co 717 656-6160

For Sale 65 Chevy, 4 door Best offer, Lanc Co 717 626 8773

For Sale Super 77 NH baler also Vita Mix 3600, Stainless Steel construction Lanc Co 717 653 2475

For Sale Ford 2 row mounted cultivator JD 10 ft spike tooth drag harrow Sch Co 717 682 9391

For Sale Tobacco hoers fiberglass truck cap, steel feed trough, cast iron tub Lanc Co 717 684 5352

For Sale 46 ft Hillsboro gooseneck dump trailer, heavy duty, 870 case powershifts field ready Leb Co 717 865 4395

Wanted 705 or 704 uni tractor w/bed or no engine Lanc Co 215 445-6156

MAILBOX MARKET

Wanted Irrigation pipe 3"-4" also 100,000M Pachysandra cuttings, Sussex Co , N J 201 875 5218 after 7 p m

For Sale NH 273 Baler good cond , Sugarloaf, Luz Co , 717-788-2369

For Sale Sour cherries, 75 cents a qt Leb Co 717-865-2504

For Sale 2 Grade Alpine goats, 1 nanny, 1 billy Lanc Co (215) 267-3655

For Sale Rabbits New Zealand whites, Siamese & Black Satins, Mini Lops, Netherland Dwarf's, $5 00 & up Whitehall, Md 301-343 0026

For Sale Reg yr old holstein bulls Sire Board Chairman, Dam VG Elevation w/1000F Delivery available Otsego Co , N Y 315-858-2882

For Sale - Wood ducks & pheasants, Cecil Co , Md 1-301-885-2134 after 7

For Sale - Dairy Goats - Reg Nubian & Toggenburg kids Ex conformation & background - Reasonable 717-673 5644

Wanted - Used carder, will trade or buy colored sheep, 215-383-5280

For Sale - Peach Btm slate 11x18-9x18-6x10, Benj K Swarey Peach Btm RD 1 Box 223, Pa South Little Britain RD

For Sale - Friedensburg, Pa fieldstone rancher, three bedrooms, full basement island kitchen wall to wall carpeting, Sch Co , (717) 754 7313

For Sale 1969 Chev C 30 flatbed truck 292 4 speed in fair cond w/recent valve job $1600 Lanc Co 717 367 3108

Wanted Steel wheels for Farmall A or will trade w/rubber, Lanc Co 215 445 6391

For Sale JD 14T baler for parts, Farquha 22x36 thrasher w/blower & Case feeder, no Sun calls Cumberland Co 717 766 5065

For Sale NI manure spreader, ground driven, hay rake, side del , 1 row corn snapper, 2 NH balers for parts 717-774-3310

For Sale 10 yearling Holstein heifers Tioga Co 717-724 7838

For Sale - Rams, purebred Rambouillet & Dorset, Chester Co 215-255 4327

For Sale JD single btm plow, R&L mtd for Model A, B, 14" or 16" shares $150 Lehigh Co 215 767 3757

For Sale 2 15 5x38 6 ply tires on JD rims, JD 2 RW cornhead fits 35-38 3800 harvestors, Berks Co 215 682 7854

For Sale 4 yr old reg QH gelding, greenbroke, Berks Co 215 779-9336 early morn or eves

For Sale JD tractor 13 hand start, Pony cart & harness & 25 gal black enamel paint Chester Co 215-286-9591

For Sale 1969 Cad Fleetwood $500 1974 Ford cargo van $800 12' 4 section spring harrow $200 Dauphin Co 717 469 7243

For Sale Yearling Shropshire rams to improve your purebred or commercial stock Leb Co 717 949 3653

For Sale Reg Angus bulls and heifers Orange Gate Angus Farm Maurertown VA 22644, 703 459 3414

Used Bee Equipment Inverbrook Apiaries, R D #2 Box 230 West Grove Pa 19390 215 869 3353

Build your own pig feeders for under $10 100# capacity Easy plans, $2 00 Rt 1 Box 742, Mardela, MD 21837

MINI LOP RABBITS with papers $25 00 Very Loveable pets NZW Rabbits with papers $10 00 Cecil Co , Md 301 885-2134

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For Sale- 1600 gal fuel oil tank truck body 215-345 1909 after 7, Bucks Co

For Sale All size silo roofs at reduced cost, 717-687 6672 or 768-3095 Lanc Co

Wanted to Rent Farmland in Berks, Lehigh or surrounding area Top prices paid, 215 756 6269

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Wanted - Old truck from the teens or 20's $200 Reward for info leading to purchase Al Provenzano 203-375-7491

Wanted Wisc VH4D engine for parts or complete, other similar models considered Lanc Co 717-354-8529

For Sale 1974 ½ ton Int pick-up 70,000 orig miles, runs good $800 Adams Co 717-528 8268

For Sale NH 268 baler w/super sweep Thomas J Wheary, Jr 2971 Lincoln Highway East, RD1 Gordonville, Pa 17529

For Sale 1000 gal Mojonier tank 5 HP compressor & washer, avail soon $2500 Cortland Co NY 607 749 4080

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For Sale LaMancha grade goat, milks 7 lbs per day, also 6,000 egg incubator Lanc Co 717 733-8090

For Sale IH #56 4 row corn planter, NH #25 blower 7' rock rake 717 538-3185 after 7 p m

For Sale Saanen Pygmy buck goat, 4 mos old $25 Lanc Co 717-284-4242

For Sale - Grinder-mixer in fair cond $600 Lanc Co 717-354-8843

For Sale - Quality Dorset & Southdown ewes, 1 ram, all purebred, reg all ages, reas Howard Co MD 301 531-3305

Wanted - Old pine table approx 3'x7' Warren Co 201-852-8864

For Sale Gas engines, Jaeger $300, Fairbanks $150, Little Jumbo $300, Friend $400, 1½-4HP Lack Co 717 563-2257

For Sale - Sour Cherries 75/qt , hay $2/bale Rt 443 ½ mile E of Goldmine Rd 717-865-2504

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TRUCKS & TRAILERS

1980 GMC Crew-Cab, V-8, auto dual wh., new tires, paint, $6,800; Small Bulldozer, runs great, cleat needs welding, $800; '81 Toyota, 4 WD, needs cab, $2,800; 11' highway snow plow, $300; Welders body for 1 ton, $300. 609-629-6596.

For Sale - 24' flatbed w/36" head board, oak floor w/side board pockets, excellent condition, $950 717-768-3274.

A nice 1974 tandem International truck. Has a new 20' grain body. Body and hoist are new. Has all new tires. All in perfect condition. Call 301-429-2962 after 6 PM.

For Sale - 1974 Morgan 30' dump trailer, excellent condition 302-653-7823.

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For Sale- 8' aluminum cap for pickup good condition $75 and 275 gallon fuel tank $50. Lancaster Co , 717-529-6329.

For Sale- Wrecker Holmes W-45 with body, needs work $1500. Eight speed RR trans. $250, 215-869-3744 days.

For Sale - 1965 Chev C-80 dump truck, 18 ft., V6 - 53 Detroit diesel motor good, truck fair. $4,000 Call 717-866-6806.

73 GMC school bus, 30 pass., 5 speed, low mileage, inspection, good condition, 717-866-2286.

STORAGE TRAILERS FOR RENT - 40 ft., nice, available immediately, delivered. Office trailers also available. 301-771-4529

For Sale 1977 Ford LN800 389 V8, 5 & 2 speed, PS, 10:00 x 20 rubber, 27,500 GVW, 22' Duralite Van Body, will sell with or without body 1977 Int. 1750 466 diesel, 5 & 2 speed, PS 900 x 20 steel radials. 1977 Int. 1800 446 V8 gas, 5 & 2 speed, PS, 10:00 x 20 tires. 1978 Int. 1800 392 V8 gas, 5 & 2 speed, PS, 900 x 20 tires, extra long wheel base. 301-877-9889.

'83 Ford F150 Explorer ½ ton pickup 6 cylinder, 3 speed, overdrive, PS, PB, 2,000 miles, like new, $7,500 717-733-2873

TRUCKS & TRAILERS

NEED CASH? We buy unwanted trucks and parts, scrap aluminum of any kind. Wrecked dumps, vans, flats, tank trailers, etc. Call 215-944-9871 (evenings).

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For Sale - Roll Back and Grain Dumps, 1 ton through tandem, 45 ft. and 48 ft. roll back and combine trailers, expandable sides. All priced to sell. 814-623-9696.

3 Fruehauf flat trailers with 8' bulk heads Suitable for hauling hay and straw - 1964, 38' long; 1962, 40' long; 1968 43' long. 717-285-3628 or 285-5298 after 6 PM.

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1980 GMC 6000, 16 K miles, 8 ft. x 16 ft. metal stake body, gas, 20,000 GVW. 215-757-7727.

1980 Chevrolet 2 ton custom-built flat bed truck w/Detroit diesel engine, 10 mpg, set up to pull goose neck trailer or Reeses hitch; also Hillsboro 30' tandem axle dual wheel trailer with Beaver tail loading ramps & Michelim tires, both units are in excellent condition Financing could be arranged. 301-398-2948

'83 Chevy pick up, V8, automatic, PS, PB, 8000 miles 717-733-9429.

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Parts for 270 Cummins RTOF 95, 13 speed transmission, 34,000 lb Rockwell rears, 4.11 ratio, Hendericksson suspension, 1020 and 1022 Daton truck rims. Call after 7 PM. 717-374-8965.

1970 Polar Tanker, 4500 gal. insulated stainless steel one compartment shell damaged, no leaks, $2,800; 1973 Trailmobile 45 ft storage trailer 10.20 tires, tandem axles, slider, $1,350. 215-838-7271.

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1965 Dodge grain truck with hoist, good rubber and mechanically sound 717-284-4648. Call after 6 PM.

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100 10x22 5 rib design and lug design tubeless truck tires Brand new Also used 10x22 5 rims These tires fit straight trucks and class 6 vehicles Equivalent to tube type tires 9 00x20 Call for quantity pricing

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REAL ESTATE

Dairy Farm - 131 acres, 110 tillable pipeline, barn cleaner, 33 comfort stalls, extra cow shed, outbuildings, 2 silos, large house, pool Centre County. Owner finance No Realtors, down payment required 814-349-8706

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Country roads take you home to the beautiful views of these scenic properties in Huntingdon County. Build a cabin 4 miles from Whipple Dam. Drive 17 miles to Penn State's football stadium. Five acres, $5,300. Financing available. 814-237-0559 for maps and information. Keep trying.

TRUCKS & TRAILERS

'82 Chevy C10 ½ ton pickup, 6 cylinder, 3 speed, AM-FM, radial tires, excellent condition. $4,975.
'77 Chevy C10 ½ ton pickup, 6 cylinder, 3 speed. $1,950
'78 Chevy ¾ ton pickup, 454 4 speed, PS, PB, air, gooseneck hookup. As is $1,850. 717-733-2873.

REAL ESTATE

FOR SALE OR TRADE - 60 acre poultry and horse farm, 35,000 layer house, bank barn, remodeled for horses, 4 BR farm house, 2 mobile home hook-ups 215-562-7776

FOR SALE BY OWNER - 48 A. FARM CUMBERLAND CO., PA - 26 A in crops, corn, oats & Hay balance in pasture. Large barn with 25 tie stalls 80' loafing area, Fickes Silo with unloader, 2 machine sheds, corn crib, milk house with 2,000 lb. bulk tank. Two good wells. Two story house with modern kitchen including dishwasher & electric range. 1½ Baths. House completely remodeled inside & out. Electric heat also Kodiac wood stove. MUST SEE TO APPRECIATE. $130,000. Low down payment Owner will finance 10%. Immediate Possession. OPTIONS - Full line of late model farm equipment 30 Head of beef cattle (can buy all or any part). Phone (717) 776-3181 ANYTIME

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Juniata Co. Place' For Sale 20 acres, timber, large brick house John Sausman. 717-463-2868.

FOR SALE - Two bedroom brick rancher, storm windows, custom draperies, hardwood floors, fireplace, built in burner and stove, refrigerator, full bath, cement basement with knotty pine partitions, washer and dryer hookup, oil, hot water, baseboard heat, $55,000. Phone 717-677-8893.

Woodland Mifflin County - 31½ acres in Little Kansas Valley, 7 miles from Belleville Very nice piece of land w/a beautiful homesite. $39,900.
2 acres Little Kansas Valley, $6,000.
Lewistown Insurance Realty Co., 101 S. Main St., Lewistown, PA. 717-248-6721

Lowville, NY area. Excellent 400 acre operating dairy farm Modern Stantion barn, silos, beautiful large home Village water. Reason For Selling--Poor Health. Price reduced from $495,000 to $300,000. Complete. Moonans Real Estate, Boonville. 315-942-4824 Salesperson for appointment only. Joe Campany. 315-376-6868.

For Sale - Farm 80 acres w/pasture and stream, remodeled executive type home, 3 miles north of Lebanon. Price $240,000. Contact owner at: 717-867-2053.

283 acres operating dairy farm, 155 plus tillable, 3,000' river frontage, sandy & clay loam soil, 90 cattle, 44 milkers, some machinery ideal for dairy. Investment, retirement near Lake Ontario & St. Lawrence seaway, $156,000. Call 315-628-5850 between 7-8 a.m.-p.m. EDT.

For Sale - Bedford County approximately 174 acre practically level farm land under cultivation w/stream Also ajoining 140 acre tract w/5,000 Christmas tree seedlings. For Sale By Owners. For more information call 814-276-3272. No realtors.

For Sale - 145 acre dairy farm 125 tillable Two barns, two silos. Large house. Somerset Co., PA Reply to Lancaster Farming, Box 366, L-29, Lititz, PA 17543.

57 acres pasture for rent or feeder beef sharing project. Silo and feeding facilities. Good fences and ample water. Lebanon Co 717-569-0416.

REAL ESTATE

Old stone house located near Washington, NJ 11 plus acres, creek, stone summer kitchen, large barn and other buildings, $190,000. Principles only Call 201-362-6565 or 362-8321 or write Walter J McDonough, Rt. 94, Box 345, Blairstown, NJ 07825.

DECLARE independence Buy one of these scenic country properties 4 miles from Whipple Dam in Huntingdon County. Plan your cabin now. Make it your retirement home later Grow Christmas trees, raise horses. Sample, Lot 11, price $9,700 for 6.5 acres. Borders University Forest, all-weather State road. Has driveway, electricity and telephone Maps and information (814) 237-0559. Keep trying.

Remodeled 3 bedroom farmhouse on 20 acres. 8 acres tillable, 1½ acres stock pond, 70 tree orchard, vineyard, 3 outbuildings. 20 miles from Lebanon or Reading. Easy access to Rt 78. $125,000. 215-488-7476

For rent- small 40 acre dairy farm fall of '84. cash rent. Opportunity to earn much of the rent to qualified party. References required. Write to Lancaster Farming, PO Box 366 D-149, Lititz, PA 17543

CHESTER COUNTY
20 acres, barn and brick colonial farm house. 2 breezy porches in shaded setting. Ample room measurements for entertaining and furniture 7.5 acres pasture, balance tillable. $137,500.
LITTLE BRITAIN TOWNSHIP
9.5 acres. 575' frontage ¾ of property woodland. Spectacular views. Trees include cedars, dogwoods, tulips and pines. $36,000. Pierce and Bair, Inc. 215-444-5536.

FOR SALE BY OWNER- 2 bedroom modular home w/enclosed back porch & 3-car garage w/water & electric on lot 106x213. Located on 299 Shultz Road, Lancaster, PA. On the road from New Danville to Willow Valley $50,000 Negotiable For appointment phone 717-397-1186

Farm for Rent - Southern Lancaster County Reply to Lancaster Farming, Box 366, K-22, Lititz, PA 17543

208 acre farm for sale by owner Dairy barn, flat land barn, beautiful remodeled Colonial brick home, tenant house & numerous outbuildings, 50 acres prime hunting land, fields for subdivision, road frontage on to main roads, pond, close to two towns, good schools.
Louis West
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Mansfield, PA 16933
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4½ acre farmette in the Hegins Valley. Large barn and farm house along Route 25. call 717-682-9391.

1980 Hallmark mobile home, 14x70, 3 bedrooms, appliances, skirting, porch deck. Best offer 215-799-3136.

500 acre farm located in Cambria County includes horse barn w/68 stalls, 2 tack rooms, indoor arena w/flood lights, several houses and barns. Will sell all or part. Call 814-674-8756.

Year around vacation retreat in this 3 bedroom, 1 bath stone- brick home located on 1.8 level acres only minutes from Prince Gallitzin State Park (Glendale) Cambria County. Additional features include coal and oil fired heating system, a fully equipped large kitchen, dining room, living room w/fireplace, beamed ceiling, cedar closets, a 24x24 garage w/half bath A great investment at only $58,500. Call 814-674-8756 for appointment.

REAL ESTATE

Wanted To Rent - Steer farm in Dauphin, Cumberland or Franklin Counties Would consider other counties with good growing conditions Call 717-569-4762 or write Lancaster Farming, Box 366, L-25, Lititz, PA 17543

Madison County, NY - 280 acre Dairy Farm, 84 stall barn, pipeline bulk tank, two 20x50 silos, outbuildings, two homes, excellent condition, $235,000. 315-662-7708.

Lebanon County, PA. - farms and farmettes for sale. 5 acres w/owner financing, 2½ story home with outbuildings. Near Schaefferstown, $85,000. 5 acre farmette with cultured orchard, Stately 2½ story home Price $85,000. Sale needed to settle Estate North Annville Twp. 115 acre beef farm, $245,000. 47 acre Limestone farm with stone home and barn, $240,000. 155 acre beef farm, eighty acres is fenced, stone home. Write or call for descriptive brochure. Realtor-Auctioneer Nelson Ebersole 717-867-4487. Suburban Realty, 30 West Main Street, Annville, PA. 17003. Phone 717-273-9358

FOR SALE - 30 acre farm in Perry county. House & Barn, $59,900 Call Francis Ulishney. 717-272-2989. Suburban Realty. 717-867-4487.

Huntingdon County - 338A Commercial Dairy Farm, 50 Holstein cows, 32 heifers; full line of machinery and equipment, sell as package or any combination of land and buildings, livestock, equipment. Rob Schrack and Associates, Realtors, Huntingdon, PA. 814-643-6600.

FOR SALE - 100 acre, prime farm land, beef & grain farm, 12 miles north of Lancaster Owner Retiring Financing Available Lancaster Farming, P.O Box 366, R-8, Lititz, PA. 17543.

2 story brick house in Lititz for sale, write to Lancaster Farming, PO Box 366 D-146, Lititz, PA 17543.

OXFORD AREA, 54 acres, no buildings over 3000' road frontage $3,000 per acre. Hayes Oxford 215-932-3092, evenings call Tony 215-593-5628

WEST SADSBURY TWP, Chester County, 24 acre farm, stone house, bank barn, 2500' road frontage, excellent condition and location. Hayes Oxford 215-932-3092, evenings call Tony 215-593-5628

Dairy Farm - 131 acres, 110 tillable pipeline, barn cleaner, 33 comfort stalls, extra cow shed, heifer shed, outbuildings, 2 silos, large house, pool. Centre County, Owner Finance. No Realtors, down payment required. 814-349-8706.

For Sale - Modern 3 bedroom brick and aluminum siding rancher on 7½ acres, $69,000. Beaver Springs, PA. Call 717-658-7418.

For Sale - 1½ acre lot near state game lands and creek. 717-527-4093.

For Sale - 1 room red brick school house near state game lands. 717-527-4093.

For Sale By Owner - Lancaster Co., Cocalico area. 14½ A., 390' road frontage, 12 A. tillable balances woods, $4,100.00 per A., 11½ A., 420' road front meadow and woods, $3,900.00 per A., 1½ A corner lot, $14,200.00; 6 unit brick apt. on 1½ A lot 225 Ridge Ave., Ephrata, $126,000 00 Call 717-733-3980.

FOR SALE - 44 acre farm, Lititz' area 4-bedroom house, barn, feed lot, 2 silos, laying house, 4-car garage. Owner Financing Available. Lancaster Farming, Box 366, L-28, Lititz, PA. 17543.

REAL ESTATE

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100 acre Southern NY farm, refurbished house, w/w carpeting, electric heat, wood stove, bank barn, machine shed, out buildings. Picture postcard setting. Valley inside a mountain $69,000 215-754-7316.

Southern Huntingdon County dairy farm 175 acres with 150 acres tillable, large barn with 44 stanchions, 2 nice homes, stream and good spring on property. Many other extras, $315,000. Southern Huntingdon County dairy farm 111 acres, extra good home with 7 rooms and 2 baths. Good barn with 27 stanchions, milk house and wagon shed, $125,000. Colonial Real Estate Agency 814-447-5511.

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Nice 3 bedroom house, dishwasher, electric range, more than 14,000 sq ft chicken house, 1st floor concrete ideal for pigs or steers, elevator, heating system in part, frame bank barn work shop with daylight basement, 2 car garage on 2 acres East of Dornsife Rt 225 Excellent buy at $85 000

ALLENTOWN
Available with or without crops owner financing 150 free stall housing holds 200 head milk parlor, bulk tank, silos, high moisture corn silo, dairy store, slaughter house, coolers, freezers Two houses on 130 tillable acres For information call

CENTRE CO.
Rebersburg
Farmalnd 45 acres along Rt 192 Nice farm ground Also 22 acres woodland at Spring Mills for $15,900

MANHEIM
7 acre farmette, 2½ story 4 bedroom house, barn & two car garage

MELVIN S. BINKLEY
Insurance & Real Estate
Rt. 272
Rheamstown, PA 17517

REAL ESTATE

LEBANON COUNTY
75 acre land southwest of Jonestown, stream, 65 acres tillable, 30x30 building, 1 building lot 200'x400' perked and approved
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BLOOMSBURG BOONIES
Only 5 miles from the college campus this 6 year old year round home would be an excellent getaway residence or deluxe camp for hunting or skiing, two acre lot near gamelands, very private location. Terms available.

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Close to Lancaster, this fine old stone and brick home is waiting for restoration 6 acres of pasture make this an ideal mini farm for horses. Bank barn and stream. Penn Manor Schools. 7 additional acres available

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10 acres of woods and pasture surrounded by hundreds of acres of gamelands and woods insuring privacy and quiet 7 year old delux 2 story home with all extras 3 car garage, 2 fireplaces, heat pump and wood furnace Owner financing available Penn Manor School District

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This fine large country home known as the GOODLING MANSION is just right for restoration to a gentlemans estate or hobby farm. 16 acres and outbuildings Rooming house or rest home possibilities.

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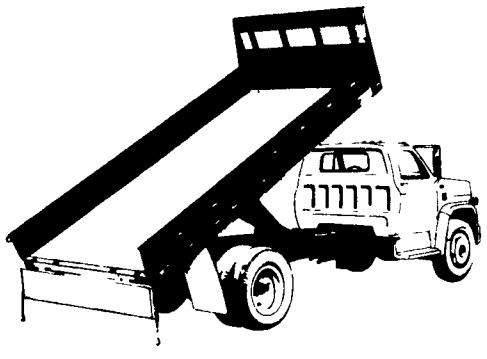

Rugged, all-steel 14" sides and 96' wide platforms Available with 28", 40" and 52' high heavy duty steel bulkheads with full width steel mesh windows Standard three-way express tailgate or optional double-acting tailgate with forward controls Swaged (indented) 3-light cluster in rear outrail for better light protection and appearance These tough, field-proven units, teamed with job-matched Omaha Standard hoists, are total working units superior to any on the market

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Brick Colonial - 125 acres. Horse or cattle Farm. Could be Show Place. $165,000.
82 Acres - Good Home - Barn - View - Only $65,000.

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221 ACRE FARM

2" stainless steel pipeline, tank, 3 silos, overlooking Seneca Lake.

For Sale or Lease

Owner financing.

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FARM AVAILABLE NOW PRICED TO SELL!

120 acres, 20 mile from Carlisle, nice level fields, several ponds and stream for irrigating, large bank barn and house with all improvements, large mobile home on property, owner will offer financing. Call 717-249-1165 after 5 PM

Dairy Farm For Lease:

Potter Co., immediate occupancy, 140 acres tillable and pasture, very nice house, large barn plus other buildings, free gas

Phone

814-698-2400

100 + ACRE CHESTER CO. FARM

Quality soil, have a look at the corn on this farm, $2300 per acre

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Farm Salesman - Eugene Kreider

For Lease

Farm, 100-200 acres Southern N J Beautiful 2½ story Modern Home 3 car garage, large barn good out-buildings Large pastures ideal for horses or cattle Price negotiable - write for details and ap pointment to see Lancaster Farming, Box 366, R82 Lititz PA 17543

CUMBERLAND COUNTY

Auction barn - Restaurant - Furniture Store. Call Mr. Baum. Many other farms for sale not listed here, including several tracks of mountain land for cabins, etc.

LEBANON COUNTY

172 acres, 150 tillable, all in one field, owner financing.

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Broker J Irvin Denlinger
717 898-8962

FOR SALE

Hog Operation and Farm, 69.5 acres. Two Modern Hog Buildings, 28x148 and 32x148, nice setting, Southern York County.

$250,000

Phone: 215-353-0553

Livingston County

Operating dairy farm for sale, 150 acres Western New York, 50 stanchions, heifer barn 72'x60', cement bunk silo 14'x40' upright. More land available to rent reasonable. 4 bedroom home and garage located between Mt. Morris and Dansville. Price $125,000.

Contact Glenn Lawrence, Salesman, or Willard Pengelly, Managing Broker,

Harris Wilcox Inc., Broker

716-494-1880

SANFORD G. LEAMAN, REALTOR

717-569-4264
Auctioneer

ESTATES • APPRAISALS • LIQUIDATIONS

NEW LISTING

BRADFORD COUNTY
Real sharp 106 acre dairy with 50 cow barn on pipeline Barn cleaner, bulk tank, machine shed, 4 silos with unloaders, bunk feeder 3 miles from Wyolusing $165,000 with $130,000 FHA assumable 4 bedroom home with oil heat and oil hot water heat 1½ baths

BRADFORD COUNTY
Operating 345 acre dairy farm with an access of 180 acres tillable plus approx 80 acres or more pasture Balance, woods and timber Beautifully modernized 200 year old home plus a second home 54 tie stalls, milk house, bulk tank, silo with unloader Room for young stock Can be bought with stock and equipment for a turn key operation Call David and Laura Cooley 717-744-2587

CUMBERLAND COUNTY
Going dairy farm with quick possession if needed Modern setup and limestone soil in Mennonite area

HUNTINGTON COUNTY
130+ acre dairy, excellent farm with private financing Call 717 569-4264
85 ac woodland near Orbisonia Subdivision possible
191 ac General farm in the Three Springs area Excellent for subdivision with good amount of road frontage

LANCASTER COUNTY
37 acre poultry and general farm with double brick and frame dwelling Other out buildings Lots of road frontage, excellent soil Fall possession Call 717 569 4264
Modern dairy with Lg stone farm house in National Register, sm brick home, tobacco shed, corn cribs, silos & unloaders, Limestone soil in a high state of cultivation Available fall 1984 NOT AVAILABLE through any other broker
Feeder pig setup with liquid pits, feed bins, modern crates and nursery pens Tobacco shed and silo on 50 acres limestone farmland Large 4 bedroom modernized farmhouse ready for your inspection

NORTHUMBERLAND COUNTY
Dairy farm with brick house, 12 cow milk stable, 2 Star silos w/unloaders lg 40' x 132' commercial bldg priced for quick sale and possession 200 acres plus with more land available w/modern free stall dairy operation and double 6 parlor Too many extras and features to describe here A Real Buy

PERRY COUNTY
20 acres mostly wooded, nice 2½ story dwelling, large pond, good for a hunting lodge or retreat, close to Fowler's Hollow
130 ac general farm, 100 ac tillable, stream, 1800's double stone home Large bank barn, lots of road frontage and owner financing
59 ac with 49 ac farmland bal wooded, no bldgs , only 10 miles from Carlisle JUST REDUCED
68 acres in Blain area with house, barn, and cabin ideal for a sub-division There are approx 10,000 fir trees planted for your future sale & income, 717 536 3236
Mountain land in many counties some with cabins, springs water, timber and road frontage Good deer, bear and turkey areas

SNYDER COUNTY
135 acre dairy with 25 A woodland balance pasture and farmland An ex cellent farm for the money AVAILABLE FALL 1984

SUSQUEHANNA COUNTY REDUCED to $129,500
110 acre dairy with 70 acres tillable 66 stanchion cow barn, bulk tank barn cleaner, silos & unloaders Call David and Laura Cooley at 717 744 2587

For all your REAL ESTATE needs in any COUNTY call us we're the REAL ESTATE professionals

BRADFORD CO. AREA MR DAVID A COOLEY, SR AND MRS LAURA M COOLEY (717) 744-2587

PERRY CO NEIL WINGENROTH (717) 536-3236

101 White Oak Drive
Lancaster, Pa. 17601

Sale By Owner

130 acre farm, Schuyler County, New York. 110 acres tillable in good condition. 15 acres of woods with some timber. Field is nice to work. Barn 32x60 - shed 20x36. 2 story house is in good condition. 4 bedrooms up, 5 down, one both coal or wood furnace. $75,000 with terms, with good down payment. Mortgage at 9%.

Phone: 607-776-3907
Call after 6 PM
Delbert Hawley
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Bath, NY 14810

"GRAND CHAMPION-DAIRY"

1st Prize for most BEAUTIFUL SETTING on 233 acres with great soils and productivity.

1st Prize judged for a "SUPREME" 5 BR HOME completely remodeled, immaculate interior, vinyl sided and large inground pool.

1st Prize awarded for a GREAT BARN that a real dairyman can appreciate, ties 85 with 2" pipeline and silos.

1st Prize for BEST COMBINATION of 100 Top Eastern bred holsteins and spotless lineup of machinery!

This S&E farm typifies the best our Beautiful Mohawk Valley has to offer. Retiring owner wants to talk price!

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518-922-8899

NORTHCENTRAL PA

Potter & Tioga Co.

ATTN: AVID HUNTERS
50 Ac. of Potter co. beauty with 3000' bordering 1430 Ac. of Hammermill Paper Co. land. Long scenic views, stream, 2/3 wooded, near Genesee River for exc. fishing. Asking $27,500. Possible owner financing. C-1155

COUNTRY CHARM
10 Ac. of seclusion, mtn. views & southern exposure. Large house that is 90% remodeled w/lg. kitchen & bath, laundry room and living room. Partial alum. siding & storm windows. Situated in N.E. Potter Co. A bargain buy for $32,900. C-1071A

3 BR. CAMP & 43 ACRES
Only $27,900! Nestled in beautiful setting of hemlock & hardwoods with babbling brook on site. Fieldstone fireplace in lg. furnished living rm. Perfect for a hunting hide-away. Owner terms. C-1058

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Office 814-367-2249
After 5:00

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Fritz Larson	814-435-2684
Linda Anthony	814-367-5387

SOUTHERN NORTHUMBERLAND CO. & SURROUNDING COUNTIES

Executive Farm 118 acres, 100 acres tillable Colonial Brick home, completely renovated inside and out, all barns new or rebuilt, large greenhouse $289,000. Call Peter.

63 acres, 50 tillable, 42,000 bushel grain bins, elevator & dryer, all new buildings $165,000. Call Peter.

110 acre farm prime land, large home, 90 tillable, large bank barn, $179,000. Call Peter.

60 acre farm, lg. home, wood or oil heat, bank barn, small orchard, $79,000. Can be bought with equipment extra. Call Peter.

Herndon Area 2 Farmettes $35,000 & $49,000. Call Peter.

Lykens Valley 90 acres, 85 tillable, 3 bedroom home, large bank barn, $225,000. Owner financing. Call Ralph

400 acre grain and vegetable farm, large quantity of water for irrigation, new barns, extra nice home, 220 tillable, large quantity of low rent ground available, $500,000 Call Peter

50 acres farmland and woods, 2 streams $39,000 Can be bought with no money down Call Peter

PETER B.

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Real Estate Herndon, PA 17830
Peter B Cortelyou, Broker 717-758-9177
Ralph Deibler, Salesman 717-692-2587

PENNA FARMS

CUMBERLAND CO.

New Listing - 85 acres general. Bank barn, pole implement building, 2 story frame dwelling, stream, road and creek frontage Owner financing

153 acre dairy 40 comfort stalls additional lounge area DeLaval pipeline milkers 1500 gal tank Patz stable cleaner 2 story brick dwelling road frontage beautiful view

98 acre dairy farm, Hagerstown limestone soil 35 stanchions 500 gal bulk tank Surge milker pump w/4 DeLaval units Sputnik transfer system Badger stable cleaner 12x60 silo w/unloader, corn stgr imp shed new heifer barn 20x72 lg 2 sty brick dwelling Near Carlisle Pa

60 acre beef & hog. Limestone soil, road frontage, 3-bedroom log dwelling

127 acre general, 102 crop ac[illegible]k barn NO DWELLING[illegible]RICE ADJUSTED $89,90[illegible] UNDER CONTRACT

FRANKLIN COUNTY

150 acre m/l dairy 73 tie stalls 800 gal Girton tank dumping station DeLaval milkers 16x50 stave silo Badger stable cleaner stream through pasture road frontage 9 room brick dwelling needs some repairs Just $160 000

168 acre dairy Limestone soil 38 stanchions pipeline milker 1000 gal tank 44 free stalls 40x70 pole barn 3-bedroom stone dwelling road frontage

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W High St , Carlisle, Pa
Ph. (717) 243-6195

Somerset County, PA For Sale

Dairy farm complex 2 miles southwest of Somerset 107 cow free stall barn 80x165, heifer barn 30x108 Machine shed 40x60 1 800 ton maintenance free concrete trench plus brick ranch style home with attached 2 car garage Buildings of new type construction on 46 acres of prime developing land All for $276 000 Also milk store for lease and 400 acres of land for sale or rent Phone 814 445 2227 or 814 445 6841

THE REAL ESTATE MARKETPLACE

3805 Market St., Camp Hill, PA 17011

PERRY COUNTY - 62 acre farm with 42 tillable acres located near Shermansdale 32 tie stalls in barn, barn cleaner, silo unloader, bulk tank, milker, bulk feed bin, 36x70 Morton Building 2-story farmhouse in good condition has 4 bedrooms, 2 baths, new Andersen windows and vinyl siding

For more information or to view this property on video

Call our office: (717) 737-9337

CENTRAL PA FARM LISTINGS

CENTRE COUNTY

(NEW LISTING) FARMETTE - 10 acres with large stone house built in 1800's, large barn, small stream Near Centre Hall $124,500

(NEW LISTING) FARMETTE - 10 acres with an excellent 4-bedroom 8-year c house, bank barn in good condition, new pole shed, small stream Near Cen e Hall $147,500

GENERAL FARM - 154 acres (147 tillable) Suitable for livestock or grain farm ing Sound 2-story house, bank, barn, good road frontage, nice lane, highly pro ductive limestone soil Bellefonte area $238,500

GENERAL FARM - 103 acres (30 tillable and pasture, 70 woodland, 3 site), 2 story house, bank barn, garage and workshop, guest house, implement shed, chicken house, smoke house and several other sheds $119,900

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sproul State Forest Picturesque with tillable and wooded acreage, 2-story house, 2 car garage, very good condition Stream provides water for house and pond Ideal for recreation $150,000 Owner Financing

RECREATIONAL OR FISH FARM - 137 acres (62 tillable, balance pasture and woodland), 3 large ponds, large recreational building, 2-story house (fair condi tion), 2 trailers, secluded setting Near Spring Mills $149,400 Ideal for fish far ming

GENERAL FARM - 154 acres (69 tillable, 26 pasture, 56 woodland), very sound 2½ story brick house, bank barn, garage, pond, nice setting Near Potters Mills, $199,500 Buildings and 55 acres can be purchased for $144,500

LIMITED ACREAGE DAIRY FARM - 48 acres (38 tillable, balance pasture and site with pond), 2-story dwelling, very good dairy facilities, free stall heifer barn, con crete stave silos with unloaders, and 2-story bank barn $155,000

CLEARFIELD COUNTY

GENERAL FARM - 111 acres (65 tillable, balance pasture and woodland) Barn house, outbuildings and farm pond Includes surface rights for coal stripping Near Glen Richey $126,000 Also available as 29 acre farmette $58,500

FARMETTE - Near Kylertown 18 acres with house, barn, pond and pasture $33,500 Adjoining is 54 wooded and tillable acres with rustic contemporary home $86,000 Also 10 acre parcel of clear land $8,500

CLINTON COUNTY

LIMITED ACREAGE HOG AND DAIRY FARM - 14 acres with a 2-story dwelling, bank dairy barn with 37 tie stalls, gutter cleaner and bulk tank, 14' x 50' silo with unloader, 400 head capacity Nebraska style hog finishing building, 3 bay garage/workshop $115,000 36 acres of tillable Hagerstown soil available at $1,500/acre Owner Financing 9% interest, 28 years, no call provision

COLUMBIA COUNTY

HOG AND BEEF FARM - 233 acres (130 productive tillable, 19 pasture, 79 woodland) Excellent house, good barn adapted for farrowing and finishing hogs, outbuildings, nice setting $275,000 10% Owner Financing

HUNTINGDON COUNTY

(NEW LISTING) HORSE FARM - 15 acres with 28'x44' ranch home, 50'x100' horse barn with stalls, 24'x36' insulated garage/shop, small stream, and nice location Allensville area $110,000

LIVESTOCK FARM - 419 acres (approx 220 tillable, 140 pasture, 59 woodland) Buildings include a brick home, 2 barns, garage, 2 silos, 2 large equipment sheds 3 ponds are situated near the buildings $345,000 Owner Financing

DAIRY OR GENERAL FARM - 129 acres (70 tillable, 52 pasture, 7 woodland and site) Sound 2-story aluminum-sided house, bank barn with 43 tie stalls and new gutter cleaner, milk house, 14' x 60' Lancaster silo, new 40' x 60' implement shed, pond and swimming pool Near Petersburg $169,000.

GENERAL OR RECREATIONAL FARM - 146 acres (25 tillable, balance pasture and woodland), 40'x60' bank barn, excellent water supply with 2 springs, pond, stream Very poor house 8 miles southwest of Huntingdon $100,000 OWNER FINANCING.

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville 270 acres (165 level, very highly productive tillable) Good 2 story house, bank barn, 60 x 120' cattle barn, suitable for freestalls, 20 x 60' Harvestore, 2 streams Owner financing $325,000.

RIVER BOTTOM FARM - 150 acres (118 acres tillable), good house, barn, silo, grain storage, Susquehanna River frontage, very productive, well maintained farm 10% Owner Financing Adjoins farm listed below Muncy area $325,000

RIVER BOTTOM FARM - 123 acres (100 acres tillable) excellent stone and frame house, workshop/implement shed, large bank barn, grain storage, silo, Sus quehanna River frontage, very productive and well maintained farm 10% Owner Financing Adjoins farm listed above $325,000

RECREATIONAL FARM - 290 acres (40 tillable bottom land, 10 pasture, balance woodland), frontage on Route 220, substantial Muncy Creek frontage, 2-story house, sound bank barn 7 miles north of Hughesville $187,500 OWNER FINANCING

MANY LAND PARCELS AND FARMETTES AVAILABLE.
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Fred Strouse (814) 364-1705
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BROILER FARM

53 acres w/pasture and barn, remodeled home. (2) 2 story broiler houses.
Manheim R.D. #3
717-665-6656

WANTED

Farm for 30 sow feeder pig operation. Looking to expand.
Will buy or lease with option.
814-259-3703

LEBANON COUNTY

75 acre land southwest of Jonestown, stream, 30x30 building, 1 building lot 200'x400' perked and approved
717-933-8943

28.3 acres of recreational property, easy access to township road. Mostly wooded land bordering State Forest on two sides. Build a camp and walk to best hunting. Reduced to $19,700 Terms available at 6,000 down, 10% int., 15 yrs., 5 yr balloon. Other lots available. W-798

Trout fishing at your front door in Pine Creek from this nice camp. 3 bdrm, LR, kit, bath. Woodstove for heat backed up with NGFHA system. Lot 60x160 in pleasant stream side setting. Good well & close to unlimited State Forest for excellent hunting. $22,900. W-859

69 acres. Mostly wooded. Just minutes from Wellsboro. Exc. building site with southern exposure and lovely views. W-850 $37,500

Retail grocery store on main street about ¼ mile from center of town. Fresh lunch meats with take out sandwich trade. Very active shrubbery, flower, plants, garden trade. Carries snowmobile parts & accessories. Busy location open from 10-10, 7 days. 3 bdrm aprt above. Asking price $94,900 W-853

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120 East Ave., Wellsboro, PA 16901
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"PENNSYLVNAIA FARMS"
BLAIR & BEDFORD COUNTIES

120 ACRE DAIRY located in Friends Cove, Bedford County. 96 tillable acres of high producing limestone soil. 26 large comfort stalls with rubber mats, 10 stanchions, 33 free stalls, 20x30' Harvestore silo and 2 concrete stave silos 20x60' & 12x40', 650 gallon Girton milk tank like new and a 2½ story brick dwelling. $250,000.

158 ACRE GENERAL, 110 acres of highly productive limestone soil, 30 acres of pasture, good limestone house built in the 1800's, excellent bank barn & a huge spring feeding run on farm. Located at the Bedford-Blair county line! $194,500

FARMSTEAD, spring house, blacksmith shop & smokehouse highlight this early German settlement! Barns for horses, cattle, sheep & hogs. Borders on one of Pa's best trout streams. Out-of-the-ordinary farmhouse, 10 minutes from historic Bedford. $110,000

22 ACRES GENERAL near Shawnee State Park, refurbished farm house, one story barn for horses, cattle or sheep! 15 acres tillable. $69,950.

25 WOODED ACRES with small stream & spring. Lake Raystown. $25,000

61 ACRE HORSE RANCH, 26x66' horse barn, large bank barn, dog kennels, 2 car garage, work shop, 2 ponds & streams, 40 acres of fenced pasture, a beautiful refurbished farm house featuring a fireplace and 2 complete baths. Easy terms by owner! $129,000

80 WOODED ACRES featuring cottage, pond & small stream. Secluded & private. Breezewood area. $55,000

91 ACRE DAIRY, 50+ tillable acres, 24 stall dairy barn with barn cleaner, bulk milk tank, silo & a good 3 bedroom house. Small pond & stream! $105,000

175 ACRE GENERAL, Morrison's Cove area of Blair County, 150 tillable acres, house, barn, silo & outbuildings. $165,000

168 ACRE MODERN DAIRY, 140 acres of highly productive limestone soil, 80 cow free-stall set-up, double 8 herringbone milking parlor, two 20x70' concrete stave silos, spring fed pond & a 4 bedroom brick house. Owners want out! $375,000

82 ACRE GENERAL, excellent 2 family dwelling, large bank barn, implement shed, pond, 30 tillable acres of 10 acres fenced for pasture. Great farm for horses or beef cattle! $139,000

161 ACRE LIVESTOCK, 2 excellent farm houses, bank barn & 3 car garage. Near Cumberland, MD. A great farm for cattle or sheep! $185,000

285 ACRE BEEF & CROP, 120 productive tillable, 60 acres of fenced & improved pasture. Large barns, machine shop, silo & 2 frame houses. Owner will finance! $325,000

FISH HATCHERY, 30 warm water ponds. Lake Raystown. $153,000.

* **BIG GAME HUNTING & FISHING PRESERVE,** 363+ acres, 10 acre lake, 32 stocked warm water ponds, trout stream, hunting lodge, camp sites & wild game including big Horn & Dall Sheep! Owner financing available! $550,000

FLI FARM AND LAND INSTITUTE

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Daniel K. Knode, Realtor
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Hollidaysburg, PA 16648
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"FARM, LAND & RURAL REAL ESTATE"

PROFITABLE BAR & RESTUARANT
3 stories, living quarters NY state $68,500 (D312)

FARMETTE
14 ac, pond, 12x60 mobile, 2 car garage $35,000 (D285)

END OF TRAIL
33 ac small home, 2 ponds, some woods, Northern Potter $35,500 (D350)

CHERRY SPRINGS
2 BR log home, 13 ac, plenty of hunting room Excellent retreat $68,500 (D338)

RURAL HOME
4 ac, remodeled home, wood & gas heat $25,000 (D341)

FREE LISTS

ERA-Homestead Realty
168 W. Main St.
Westfield, PA 16950
814/367-2222

145 ACRES
own the whole valley private, views, woods, stream $56,100 Terms (M1628)

BEAUTY SHOP
and 3 BR home, full basement, $55,500 (M1625)

RETIREMENT
3 BR home, small village, $19,900 Taxes $400 (M1502)

COMMERCIAL
Card/gift shop, 2 apts over, Main St $80,000 (M1546)

50 ACRES
open/woods, gentle slope, private $30,000 (M1555)

21 AC FARMETTE
3 BR rancher, horse barns, $65,000 (M1571)

NEW FREE LIST

ERA-Homestead Realty
267 S. Main St.
Mansfield, PA 16933
717/662-3287

173 AC. FARM
2 barns, old farmhouse needs restored, stream, hard road, close to town $89,500 (W853)

GERMANIA
v coveted hunting area 14 ac 4 y/o ranch, full basement $49,500 Terms (W852)

GREAT VALLEY MOTEL
coffee shop, 11 units, owners home Located in Pine Creek Valley, adjoins State Land $115,000 (W849)

2 AC ON TOP
of the world, nr State Land/Lakes $4,500 (W847)

CAMP
v. private, 10 56 ac, 2 BR mobile, a special setting $15,900 (W846)

RETIREMENT
huge garden, clean home, good condition $23,900 (W845)

FARMETTE
31 9 Ac pond, stream, woods, exc barn + remodeled farmhouse $45,000 Taxes only $400 (W840)

FREE LISTS

ERA-Homestead Realty
23 E Ave.
Wellsboro, PA 16901
717/724-7161

ERA

BERKS CO. POULTRY FARM
60 acres, 35,000 capacity layer house, farm house, bank barn, 2 approved mobile home hookups, room to expand in quiet rural setting of dairy farms.
215-562-7776

Jefferson County
Good investment property. 169 acre farm on main highway. Approx. 85 acres tillable. Producing gas well with free gas available, plus all coal rights. 1 large brick house, 1 farm house, large barn and machinery shed. Abundant with spring and well water. For further information write to:
Farm Info.
R.D. 3, Box 233
Reynoldsville, PA 15851

112 acre Dauphin County Farm 90 acres under cultivation. 13-room dwelling, summer-house, large barn, poultry building, etc Close to Susquehanna River and Mahantango Creek

7¼ acre Mini-Farm in Dauphin County Has a 44'x200' dairy barn with 38 stanchions

J C T Realty, Inc.
Real Estate
Millersburg, PA
PH: 717-692-2206

BERKS COUNTY:
Ten minutes from Morgantown Turnpike interchange. Approximately seventy five acres, mostly open ground, small amount of woodland All good fencing divided into several fields all with water Terrain rolling. Large stone and frame bank barn, other outbuildings, total of fourteen horse stalls, two and one half story stone home, two family house

CHESTER COUNTY:
Forty acres, twenty five tillable, remainder pasture with nice stream. Modern two and one half story house, large bank barn and other outbuildings

CHESTER COUNTY:
Sixty five acres, approx. forty five acres tillable, twenty acres pasture with stream, good barn no house.

ELTON HORNING FARM AGENCY
Main Street, Box 264, Morgantown, PA 19543
Telephone - 215-286-0135

NEW YORK STATE'S BEAUTIFUL FINGER LAKES REGION

— FARMS —

675-ACRE DAIRY - CASH CROP - Approximately 450 acres tillable 3 ponds 60 acres rotating pasture 145x180 newer dairy barn with 135 freestalls, assorted barns & sheds, 3 homes (all in good condition) $253 000 Financing available with approximately $30 000 down L 2059

625-ACRE DAIRY - 350 acres tillable (additional 200 tillable acres leased) long road frontage, 100 acres pasture woodland, some commercial timber reported by Owner 84'x184' dairy barn constructed in 1978 with 160 freestalls double-8 milking parlor, manure lagoon 90'x100' 2 story barn 3 silos, additional large barns & sheds, grainery Remodeled 5 bedroom home, 4 car garage, 3 bedroom Cape Cod home 3 bedroom mobile home $500 000 L-2043

320-ACRE DAIRY - Approximately 160 acres tillable 2 ponds winding creek long road frontage, woodlot Newer 3 bedroom ranch with 2½ baths, nicely finished basement 2-car garage, mobile home hook up 40'x90' barn with 48 stanchions, 425-gallon bulk tank 40'x105' pole barn, 30'x50' barn, $170,000, financing available L 2069

325-ACRE DAIRY - 176 acres tillable, 40 acres wooded 6 bedroom home 150x56x36 dairy barn with 79 cow ties, 1500 gallon bulk tank 2 silos machine shed, $259,000 L 2075

385-ACRE DAIRY - Approximately 318 acres tillable plus additional 300 tillable acres leased, 15 acres creek-watered pasture, 45 acres wooded Includes 5 acres in sugar bush, assorted fruit trees, 2 story home with 7 bedrooms in good condition 125'x36' dairy barn, 6 years old with 50 cow ties, pipeline milking system 1000-gallon bulk tank, heifer barn, machine shed Includes 50-head dairy herd & some equipment Woodhull, Owner financing available L 2093

147-ACRE DAIRY - Approximately 100 acres tillable, long road frontage 10 acres wooded 4 bedroom home in good condition 40'x120' barn with 48 cow ties, 800-gallon bulk tank, 16'x40' & 20'x60' silos 45'x100 tool shed some equipment, $175 000, Owner financing available L 2113

100-ACRE BEEF - CASH CROP - Approximately 40 acres tillable 15 acres creek watered pasture balance wooded 36'x48' barn in good condition outbuildings old house in poor condition & mobile home hook up $35,000 JUST $10 000 DOWN Owner financing available at 10% interest payments of $268 66 monthly for 15 years Woodhull area L 2077

95 LEVEL ACRES - Located on a dead end road Mostly tillable 15 acres pasture 20 acres wooded 5 bedroom home in good condition with new plumbing & septic, 2 car garage & barn $70,000 L 2095

77 ACRES - Approximately 50 acres tillable, 27 acres wooded 2 story home in good condition 30'x50' barn 10'x40' mobile home In the $60's L 2124

50 ACRES - Approximately 40 acres tillable 4 acres pasture 3 bedroom home 3-car garage with 220 wiring, 40'x60' barn, $70 000 L 2118

50 ACRES - 18 tillable 27 wooded 14'x70' 2 bedroom mobile home in good condition 2 full baths oil wood heating system 30'x30' pole barn with 220 wiring outbuilding in the $40's L 2115

10 ACRES - Country Paradise with 3 bedroom home Family kitchen with built ins Coal forced air heating system, pond 2 car garage outbuilding $28 000 Owner financing available with $7 000 down at 10% interest Payments of $225 68 monthly for 15 years L 2072

— BUSINESS —

COMMERCIAL BUILDING - Downtown Bath Village location 3 levels full basement, in the $30's L 2004

PRIME BUSINESS SITE - Located in a high density traffic area in the Village of Bath off Southern Tier Expressway Exit No 38 Approximate 63 acres with one story building containing 4 000 square feet of space L 2000

WAREHOUSE - Located in the Bath Village Business District containing 5 000 square feet of space on the main level & additional 2 000 square feet up $50 000 L 1975

COMMERCIAL BUILDING - Located in Center of Bath Village Business District 30'x155' Building with central air conditioning, new roof 2 apartments office full basement $80 000 Owner financing available with 25% down L 1624

4-UNIT APARTMENT - 65'x125' lot 2 story building has new well 2 new furnaces for hot water heating system new roof new septic system fully insulated 2 car garage $42 000 Owner financing available L 2112

— RECREATIONAL —

124 ACRES - 1890's Victorian home with 5 bedrooms & hardwood floors Covered basement used as barn winding TROUT STREAM 48 acre forest some native hardwoods $40 000 L-2070

10-ACRE 'MINI FARM' - Mostly level 2 5 acre orchard 2 story home with 4 bedrooms eat in kitchen formal dining room 15x23 living room laundry room & full bath 28'x54'x24'x32' barn 24'x32' barn with 220 wiring & chimney mid $40

BIRDSEYE KEUKA LAKE VIEW - 1 5 acres & attractive Colonial home featuring 5 bedrooms, large family kitchen 15'x21' formal dining room comfortable living room enclosed porch woodshed 4 fireplaces hardwood floors & approximate 1 4 acres, mod $40's L 2114

51 ACRES - Located near Bath mostly wooded good hunting stream mid $20's L 2107

42 ACRES - Wooded scattered Oak Lodge constructed 7 years old with deck & woodstove, sleeps 6 furnished Log cabin with woodstove for additional sleep space secluded & good hunting $30 000 L 2099

101 ACRES - Approximately 55 acres tillable 40 wooded 1976 14x75 mobile home with 2 bedrooms 1¾ baths redwood deck 16x22 garage borders State Lands $75 000 financing available L 2119

FREE BROCHURES

MAKITRA REAL ESTATE, INC.
Bath, NY 14810
(607) 776-2468
AFTER HOURS: (607) 776-2386

SUSQUEHANNA COUNTY DAIRY FARM
332 acres, 168 tillable, 100 pasture, 64 woods. 2 story barn with 82 stalls, 3-14x40 silos, 800 gal. tank, cleaner & pipeline. 1 story barn with 56 stalls, 2-14x40 silos, 800 gal. tank & pipeline. 2 houses, one 2 BR & one 6 BR Hay barn & 3 car garage. Possible assumption of FmHA & Land Bank mortgages $280,000.

Century 21 Acres R.E.
25 Public Ave., Montrose, Pa. 18801
(717) 278-2136

ROBERT T. COATES, REALTOR
Routes 30 & 897, GAP, PA 17527
(717) 291-1542 (717) 442-4134

CHESTER COUNTY FARMS

WEST FALLOWFIELD TWP. — 88 acre, 2 family house, large barn for hogs and steers, work shop, storage sheds, silos. **$450,000**

WEST CALN TWP. - 45 acre old log & stone house, 17 acres under cultivation, $2,750 per acre.

WEST CALN TWP. - 50 acres bare ground, 23 acres under cultivation, $2,250 per acre Some Owner Financing Possible

SADSBURY TWP. - 4 bedroom stone home on 3 acre, horse barn, inground pool. Just reduced to **$89,900**

CENTRE COUNTY

WALKER TWP. - one of the valley's finest dairies setup for 41 cows 120 acres. good house **$325,000**

JACK DELP - Realtor Associate
148 East Broad Street
New Holland, PA 17557
(717) 354-9534

UNION COUNTY
COMMERCIAL LAND
10 Acres with Route #15 frontage, 4 mi South of Route #80. North and South turn off lanes. Presently drive-in theatre.

HORSE FARM
Indoor and outdoor riding arenas. Rolling hills, creek and pond Restored 4 br. farm house 2 barns. 59 acres. Fencing. All for $210,000.

VEAL FARM
Modern veal barn set up for 216 calves. 10 Acres includes 1983 Bi-level home $119,000

FAMILY PRIDE
110 acres, charming brick farm house, 2-story barn + outbuildings. Can be set up for dairy, beef or sheep Owner financing to qualified buyer. Located minutes from Lewisburg. Road frontage along Rt. 45 and Fairfield Dr. $375,000

CHICKEN FARM
Attractive farm setting with pond and stream 3 barns can accommodate 24,000 meat birds. Poultry and farm equiptment neg. Ranch home. Near Dalmatia in Northumberland County. $130,000. Over 50 acres. Extra barn could house beef, hogs or sheep

CALL **Century 21 Sprecher Agency, Realtor**
246 North Derr Drive
Lewisburg, PA 17837
717-523-3214

COMMERCIAL LOCATION
Rt #45 gift shop on 1 acre Between Mifflinburg and Hartleton $65,000 Good location for any small business

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY

290 acre general, modern 2 story brick house, bank barn, implement shed, silo, creek frontage. Call Mr Niesley

19 acres mountain land, $17,000

7 acre farmette 2 family brick & frame house & brick bank barn Call Mr. Niesley

FRANKLIN COUNTY

220 acre limestone beef and fruit. 80 acres marketable timber, beef feeding barn & silo for 100 hd , modern 2 story house with character, tenant house, stream Call Mr Niesley

JUNIATA COUNTY

95 acres woodland, 1½ miles road frontage w/spring & stream Ideal for hunting camp or recreation, $63,000 Call Mr Benner

50 acres woodland, $30,000 Call Mr Benner

5 acres land, 950 feet road frontage, $19,000 Call Mr. Benner

5 acre farmette, ideal hunting camp $37,000 Call Mr Benner

MIFFLIN COUNTY

104 acre limestone dairy, 70 head (tie and free), 3 silos, lg imp shed, new heifer barn, mod. 2 story frame house Additional option-125 Holsteins w/17,500 herd avg and adequate line of mod farm equipment Call Mr Crawford

(Price Reduced)
118 acre dairy, 50 freestalls, liquid manure, 3 silos, modern 2 story log & frame house w/swimming pool Call Mr Crawford

PERRY COUNTY

8 wooded lots, 1 acre to 1 7 acres All with septic permits Deer country $4600 to $9400 Call Mr Orris

YORK COUNTY

70 acre general, plush 2 story brick house, bank barn, implement shed, farm pond, 100 yard setback Call Mr Niesley

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177
CHARLES D. SMITH - 717-789-3125

REAL ESTATE

REAL ESTATE

GETTYSBURG AREA FARMS

20 ACRES — Near Battlefield, large 4 bedroom stone home with family room and dining room. Large bank barn and other outbuildings. Open and wooded land with pond, spring and creek $139,900 (#13262LF)

ON 15 ACRES - With a stream, native brown stone pre-Civil War home in excellent condition. Wagon shed, tool shed and more for only $106,000 (#12971LF)

ON 20.5 ACRES - Old and quaint but up to date 6 bedroom 3 bath Pre-Civil War house, completely remodeled, excellent condition, private driveway, large stream, barn, garage and outbuildings. $184,500 (LF)

MARSHALL L. MILLER, INC.
REAL ESTATE
717-334-6283 or
Outside of Adams Co.
Call 1-800-443-2781,
Ext. C-53

SE MINNESOTA FARMS

PRICE REDUCED on 546 Acres in Mower County, with magnificent home and large grain system. 3000 sq. ft. on one level provides gracious living in the country. 3 bedrooms, sunken living room, 2 fireplaces, redwood deck plus many, many extras. The efficient grain system includes a continuous flow dryer, 80,000 bushel storage capacity, 30' scale. Also included is a 120' machine shed with insulated shop. The land is partially tiled and has an excellent crop history. Over 1,100 acres available if a larger package is desired.

538 ACRES Prime farmland in Mower County. Lovely home, large machine shed, hog finishing buildings for approx. 350 head.

680 ACRES with 2 home sites. Main farm has newer 3 bedroom, tri-level home, 2 machine sheds, pole barn Land is well tiled, highly productive

Call or write for details on these or any of our other listed properties. We have farms of all sizes available.

NORB HAMILTON REALTY
Elkton, MN 55933
Norm Hamilton, Broker 507-584-6834
Stan Munson 507-582-3401
Larry McKernan 507-886-2555

LANCASTER CO. FARMS AVAILABLE

A Lancaster Co Farm for horses, hogs, vegetables, sod or other uses Rolling land w/frontage on Rt 23, beautiful creek for irrigation Must take a look at this farm, 48 acres Priced at only $139,500

SOLANCO

60 Acres, 16 stall horse barn w/tack room 2 story 4 bedroom, 2 bath home w/2 car garage, mobile home adds additional monthly income 30+ tillable, woods & fenced in area Call today, $165,000

ATTENTION INVESTORS
YORK COUNTY
Southern York Co.

Southern York Co. farm, excellent soil, some pasture & woodland, ideal setting, road frontage, loose housing for 100 head, bunk feeder, buildings in good condition, brick farmhouse, 75 acres, priced to sell at only $199,900

Under $2000 per ac Limestone, ex. cropland level to easy slope, 130 tillable ac + some woodland, no buildings.

Also, nearby 135 ac grain farm, large stone home w/character Owner ready to negotiate to your advantage. If you prefer will lease back land for 5 years at 100 per tillable acre Be sure to call on these.

DAIRYMAN'S FARM

85 comfort stalls, 7 box stalls, 8 milking units, 2" pipeline, 1500 bulk tank, 16x65 silo, Patz cleaner, Patz manure pump to Lagoon 1 yr. storage, 141 acres, 118 acres alfalfa, limestone soil. Immediate Possession. Good area of Central PA. $425,000.

BEAUTIFUL HILL COUNTRY

South of Selinsgrove, 15 acres, frontage, stream, woods, deer hunting, 1 mile to good fishing, 2 story house w/2 car garage, quiet location. Priced in the mid 30's.

NEW LISTING
OPPORTUNITY EXISTS

A Lancaster Co. Farm for horses, hogs, vegetables, sod or other uses. Rolling land w/frontage on Rt. 23, beautiful creek for irrigation. Must take a look at this farm, 48 acres. Priced at only $139,500

BERKS CO.

8 acres woods, small meadow, stream, horse barn, large 2 car garage, neat small rancher w/beautiful living room fireplace Quiet setting High 60's

MONTOUR CO.

108 acres secluded w/view, nature lovers delight Walk among streams, pine, hemlock and walnut trees. Harvest wood for your winter use, 60 acres of tillable contoured fields, good soil Low 90's Possible owner financing. Just minutes from Danville and Interstate 80 Sunbury

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

PENNA FARMS
CUMBERLAND CO.

Dairy Show Place - 156 acres Hagerstown limestone soil 44 tie stall barn w/pipeline milker Patz stable cleaners 1000 gal bulk tank 16x50 sealed silo w/bottom unloader 44 free stall barn w/64' feeder 20x60 silo implement storage beautiful stone and frame dwelling 20x40 inground pool a dairy family's dream farm plus 12x60 mobile home for hired help

176 Acre Dairy 100 crop acres 40 tie stalls manure pit, 2 silos, implement storage modern 4 bdr brick dwelling

156 Acres Modern Dairy, new dairy unit with double 6 parlor, 6 milking units, 1500 gal tank, 108 free stalls, lagoon (year storage) 3 silos, 2 floor bank barn with 48 tie stalls, 4 bedroom dwelling beautiful view of valley 14x70 mobile home on lot with well and septic additional

158 Acre General, Murrill soil, 110 crop acres, large stone bank barn, 2-story mountain, stone and frame dwelling, stream Owner Financing

38 Acre Farmette, 20 crop acres, 36 tie stalls, 40x80 pole shed, 40x72 heifer building w/lagoon, insulated workshop, 4-bedroom, frame dwelling, pond & road frontage

FRANKLIN CO.

100 Acres M/L, 70 crop land 30 wooded with stream No buildings, 3000 ft road frontage $1,600 per acre

Charles Wenger, GRI 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W High St., Carlisle, Pa.
Ph. (717) 243-6195

Franklin Co. Farms

190 acres w/150 till able acres of limestone land

268 acres modern dairy w/double 6 parlor 210 free stalls

157 acres dairy 36 tie stall barn & loafing barn

105 acres general farm w/lovely home make offer

95 acres grain farm, excellent land modernized brick home

Van Cleve Real Estate
Phone: 717-392-3032
anytime

600 acre suitable for beef or hog operation, 1250 ton grain bin, 125 ton dryer, 350 ton corn crib large machinery storage, excellent water supply Large 4 bedroom home, can be purchased with or without machinery, owner will finance

119 acre, 70 tillable, 40x90 pole barn, silo with unloader, insulated 5 bedroom home, excellent water supply, owner will finance

By appointment only

WAYUGA REALTY
315-754-6554

LIMESTONE SOIL

Modern 188 Acre Dairy Farm... in beautiful Morrison's Cove near Martinsburg, Pa. Cement block barn with 46 tie stalls and attached free stall barn with 57 free stalls. Six silos, new calf and heifer barn Large implement shed, many other extras. Owner financing to qualified buyers

YOU MUST SEE THIS FARM BEFORE YOU BUY!

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

Longacre
FARM AND COUNTRY ACRES

BERKS COUNTY

111 acres, 85 t , general farm, features 2½ story double stone home Set back from road, 12 rooms, 2 baths Lg bank barn, wagon sheds and much more Boyertown area $280,000

67 acre turkey farm, features eloquent 2½ story colonial large modern eat in kitchen, large formal dining room, center hall, formal living room, family room, 4 bedrms , 3 baths, 4 car garage, quest house bank barn and 240x70 broiler house 260x52, 160x52 and 150x52 turkey houses feed bins and much more all for $350 000

MONTGOMERY COUNTY

82 acres, 65 till , balance woodland & pasture w/stream, general farm, 2½ story 5 bedrm house w/LR, DR, Kitchen & bath, bank barn & other buildings, $250,000

JUNIATA COUNTY

58 acre, open and wooded, 2 story brick home, kitchen, liv ing rm , dining rm & bath, and 3 bedrooms, stable and corncrib, good hunting-fishing area, $68,000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

SNYDER COUNTY

65 Acre general farm w/88x45 barn w/block addition Large 90x36 implement shed, lg combination corn crib & shed Lovely 2½ story home w/kitchen, dinning room, living room 3 bedrooms & bath Completely remodeled $125,000 #344

BRADFORD COUNTY

100 acre, 80 T dairy farm features 54 stall barn barn cleaner 16x50 and 16x60 silos 20x30 Harvestore silo w/unloaders 60' bunk feeder, large pole barn 800 gal bulk tank, lovely 7 room home w/modern kitchen and bath all for $150 000 #376

235 acre dairy farm 125T, 3 bedrm brick ranch house w/large 1 r , kitchen & bath Features new 50 cow stall barn w/pipeline milker, bulk tank, etc 2 story bank barn for dry cows & heifers, 14x40 and 20x60 silos and bunk feeder $300,000

BUCKS COUNTY

145 Acre jug milk farm superb facilities, lg store & sales area 3500 gal milk holding capacity, modern processing facility including ice cream making, 185 cow free stall 5 lg silos lg heifer facility 2 double houses & 1 single home, shop storage sheds outbuildings, 200 cows 250 heifers full line of machinery additional rental acreage available Call for details $900 000

TIOGA COUNTY

284 acre dairy farm 180 tillable, [illegible]e woodland and pasture w/2 houses Main h[illegible]od 8 room and bath Second house 4 r[illegible]ath w/modern kitchen large 46 stall ba[illegible]e stalls bunk feeder dry cow and heifer she[illegible]k house bulk tank, 2 large concrete silos w/unloaders, good alfalfa ground All for $225 000

SALES AGREEMENT

SUSQUEHANNA COUNTY

102 acre w/14 acre natural lake, 69 acres hardwood forest large modern ranch house w/two & one car garage, kitchen dining room w/enclosed deck, living room w/stone fireplace & cathedral ceiling, 5 bedrm , 2½ bath, workshop 2 family rooms and apartment w/2 bedrooms, kitchen, living room family room, bath Also 2 cabins (one winterized) and cabin site w/well & septic adjoins state gameland 15 minutes from Elk Mountain ski area $160 000

520 acre dairy farm w/120 acre approved land fill 165 acres tillable new 69 tie stall barn 20 free stalls modern milking parlor & liquid manure system 2 large sheds large main dwelling & 2 double houses and trailer 24x65 con crete silo 20x80 and 20x40 Harvestore silos 105 cows 35 heifers 3 large bull dozers and full line of machinery lock stock & barrel $1 200 000

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground $225,000, make an offer, reduced $175 000 #310

187 acre dairy farm, 170 T, pasture w/stream, 2 solid and lovely farm houses, 130 free stall barn, 70' bunk feeder, harvestore and concrete silos w/unloaders, 2 large trench silos, large machinery shed, 2 large heifer sheds and much more $530,000

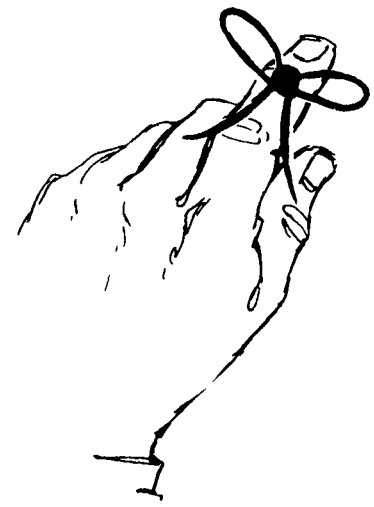
SCHUYLKILL COUNTY

234 acre woodland tract joins state gamelands, borders Rt 81 & secondary road, Pine Grove area good hunting area call for details $175 000

NEW JERSEY

80 acre dairy farm, gently rolling to level, streams & pond 2½ story home with 4 bedrooms & 2 baths, large remodel ed kitchen, dining rm , & laundry 60 stall barn & 80 freestall milkhouse bulk tank, large shop, new large machinery shed & corn crib, 14x40 concrete silo & 200x25 trench silo $250,000

DON'T FORGET



MR. HOG PRODUCER...

MAKE YOUR RESERVATION FOR—

WAYNE FEEDS — WAYNE ANIMAL HEALTH AIDS

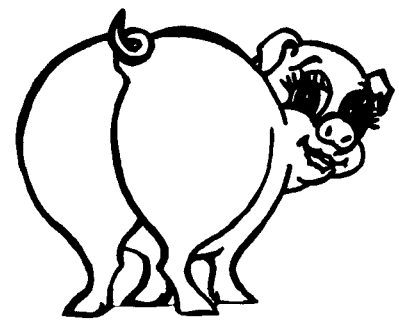
WAYNE FEED'S LIVER AND LUNG SHOW

THURSDAY, JULY 12th

6:30 - 8:30 PM

WAYNE FEEDS — WAYNE ANIMAL HEALTH AIDS

PENNSYLVANIA GUERNSEY PAVILION



BEVERAGES AND SANDWICHES WILL BE SERVED

COME SEE THE ADVANTAGES OF BANMITH/MECADOX (WAYNE EXTRA #6) OVER COMPETITIVE DEWORMERS AND MEDICATION PROGRAMS

Attendance by Reservation Only

Complete This Registration Form and Mail To:

WAYNE FEEDS

591 Crosswinds Drive
Lititz, PA 17543

NAME _____

ADDRESS _____

_____

SOW NUMBERS _____

FINISHING HOG NUMBERS _____

NUMBER OF PEOPLE IN PARTY _____

Or Call One Of The Dealers Listed Below

COURTESY OF THE WAYNE FEED COMPANY and PFIZER, INC. ALONG WITH THE FOLLOWING WAYNE DEALERS

DUTCHMAN FEED MILLS, INC.
R1 Stevens, PA
717-733-3020

McCRACKEN'S FEED MILL, INC.
Manheim, PA
717-665-2186

NOLT'S FEED MILL, INC.
Witmer, PA
717-393-1369

POWL'S FEED SERVICE
Peach Bottom, PA
717-548-2488

VAN-MAR FEEDS, INC.
Shoemakersville, PA
215-926-2121

ZIMMERMAN BULK FEEDS
Ephrata, PA
717-733-3453

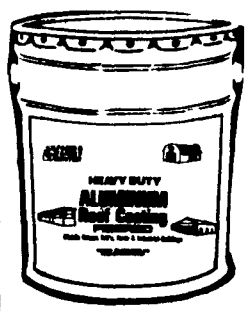
CENTRAL TRACTOR

FARM & FAMILY CENTER

VISA

Hurry!

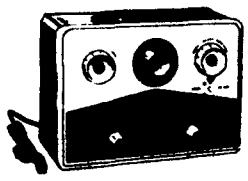
Sale prices good now thru Sat., July 14th



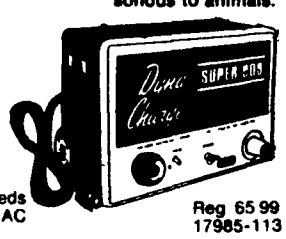
29.99
Reg. 34.99 / SAVE 5.00
13974-272
5 Gallons Aluminum Roof Coating
This asphalt base product provides a waterproof coating for outside wall surfaces as well as roofs.
Roof Brush for applying roof coating
21622-169. . . . NOW 5.99

9.99
Reg. 11.99 / SAVE 2.00
14139-272
5 Gal. Black Roof & Foundation Coating
This fibered, black asphalt base coating resaturates old felt and creates a strong, waterproof, flexible coating that will extend the life of your roof. Regular prices may vary locally.

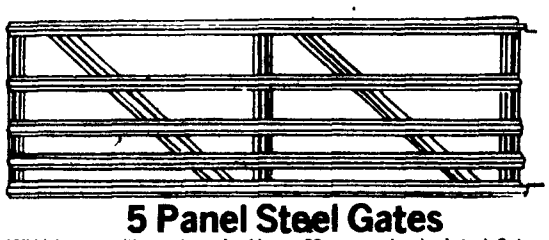
32.99
Red 9462-060 / White 9464-060
5 Gal. Acrylic Latex Barn & Fence Paint
This high quality acrylic latex paint gives excellent durability Self-priming, self cleaning, and not poisonous to animals.



44.99
Reg 49 99 / SAVE 5 00
17978-113
Weed Chopper
A chopper fencer that cuts weeds on contact. Operates on 110 AC current.



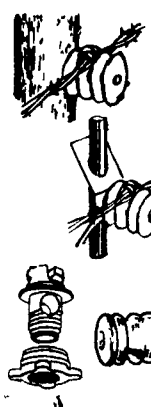
59.99
Reg 65 99 / SAVE 6 00
17985-113
Module Fencer
Holds animals better under conditions such as wet fences, weeds and grass Shocks through wet weeds



5 Panel Steel Gates
48" high gates with panels made of heavy 22 gauge galvanized steel Gates are 4" shorter than listed to compensate for hinges Complete with screw hooks and hinges

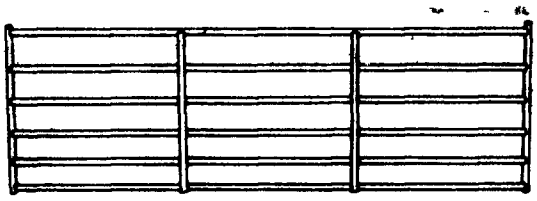
10' Gate 17686-253 Reg 32 99	28.99	14' Gate 17676-253 Reg 41 99	35.99
12' Gate 17687-253 Reg 35 99	31.99	16' Gate 17677-253 Reg 44 99	38.99

Reg. prices may vary locally



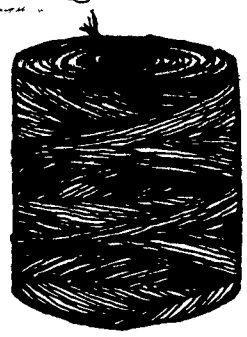
Insulators

Nail Type	25/pkg 17879-130 Reg 1 75	1.39
Springboard	25/pkg 17880-130 Reg 4 19	3.39
Western	25/pkg 17899 130 Reg 3 39	2.59
Porcelain	25/pkg 17901 130 Reg 2 19	1.69

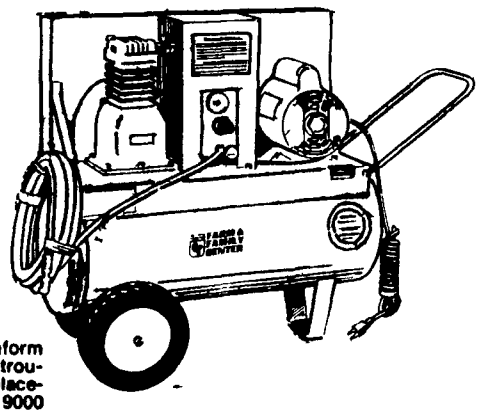


7 BAR TUBE GATE
1¾" 7 Bar Round Tube Gate

10' Gate 17924-253 Reg 44 99	$38.99	12' Gate 17931-253 Reg 46 99	$40.99
14' Gate 17949-253 Reg 51 99	45.99	16' Gate 17956-253 Reg 56 99	$49.99

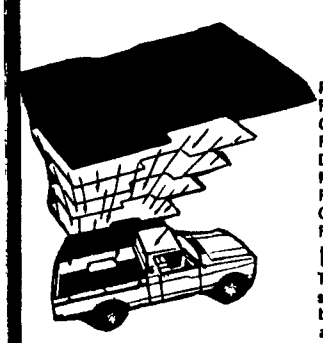


16.99
24670-282
Red Stripe Baler Twine
This high quality twine is uniform in, thickness for guaranteed trouble free operation, free replacement of any defective twine. 9000 ft , 290 Tensile strength.



209.95
Reg 224 95 / SAVE 15 00
17981-106
¾ Horsepower Air Compressor
10 gallon tank, 4 4 CFM displ , 2 9 CFM at 40 p s i. Dial-O-Matic control with easy to read gauge enables you to dial the pressure desired-no additional regulator needed.
15' Air Hose 17791-106 NOW 5 99

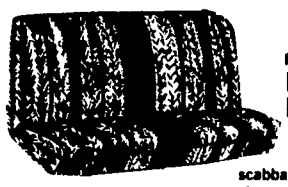
299.95
Reg 329 95 / SAVE 30 00
18326-106
1 Hp. Twin Cylinder Air Compressor
14 gallon tank, 5 2 CFM at 90 p s i 6 3 CFM at 40 p s i The V 2 Twin cylinders deliver air power Easy to read gauge enables you to dial the pressure desired-no additional regulator needed
15' Air Hose 17791-106 NOW 5 99



74.99
Reg 84 99 / SAVE 10 00
FULL SIZE

Chevy, GMC	24763 217
Ford	24771 217
Dodge	24788-217
MID SIZE	
Reg 79 99	SALE 69 99
Chevy S 10	24795-217
Ford Ranger	24808-217

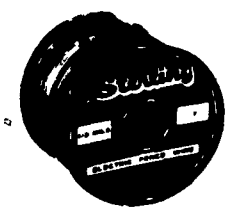
Pickup Bed Mats
This Rubber mat keeps your load from shifting and prevents damage to the truck bed Will not chip or crack unless abused and is not affected by weater extremes Easily installed



31.99
Reg 37 99 / SAVE 6 00
Pickup Truck Saddle Blanket Seat Covers
Easy to install, tailored seat covers fit all pickups Under knee rifle scabbard on full size only Front storage pockets Washable

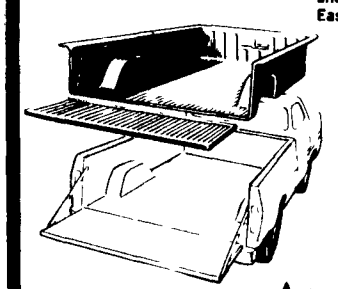
Saddleman Seat Covers	Black (full size)	43151-472
	Brown (full size)	43168-472
	Blue (full size)	43175-472
	Mini & Midsize	
	Reg 35 99	NOW 29 99
	Black	43182-472
	Brown	43190-472
	Blue	43202-472

55¢
each
Reg 69¢ / SAVE 20%
17895-130
Steel Rod Elec. Fence Posts
48" long, made of 11/32" steel

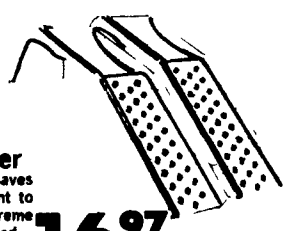


Galvanized Steel Wire
Smooth galvanized steel wire for use with electric fence chargers

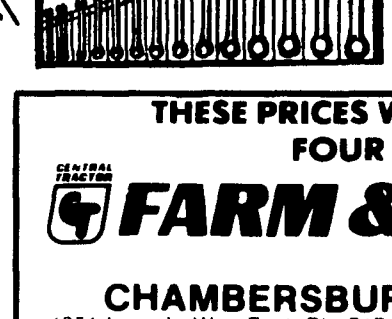
17 ga. ¼ mi.	19102-150	7.99
17 ga. ½ mi.	19111-150	14.99
14 ga. ¼ mi.	19112 150	15.99



199.99
43038-472
Truckbed & Tailgate Liner
One-piece, rugged truckbed liner saves wear & tear on your pickup Resistant to gas, oil, acids, & salts, withstands extreme impacts to - 60° F Tailgate cover included



16.97
Reg 18 97 / SAVE 4 00
19457 145
Car Ramps
5000 lb capacity One piece heavy gauge steel construction Lifts front or rear 9"



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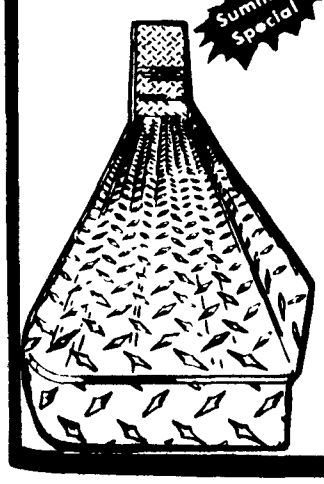

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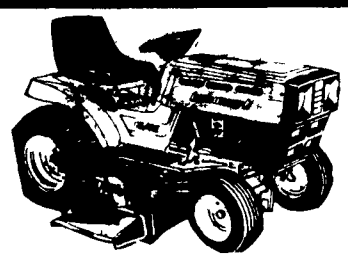

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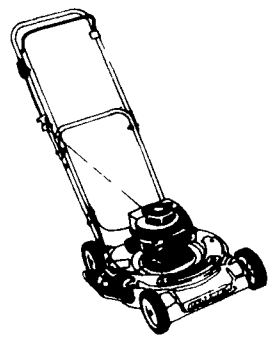

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The Milk Check

TOM JURCHAK
County Agent

It Begins With Butter

Most milk producers don't believe that the price of butter has much to do with their income, but there was a time, not so long ago, when all milk prices at the farm were determined only by the price of butter. Now the Minnesota-Wisconsin Price Series is used to give a balance between the open market prices for butter, powder, cheese and condensary products when determining Federal Order prices. With the increasing demand for cheese in the last ten years, we tend to think of cheese as the price setter because it accounts for nearly 50 percent of all the milk going into manufactured dairy products but only half of that is in American cheddar cheese which is purchased through the dairy price support program.

On the other hand, butter making accounts for 30 percent of the milk used in manufacturing so price wise it's as important as cheese. Because it's so important the National Milk Producers Federation has requested hearings for all 45 Federal Orders to establish a separate price class for milk going into butter to keep it competitive with other dairy products. Hearings for Orders 2 and 4 will be held on July 11 in Alexandria, Virginia.

All of this, so far, was an effort to impress you with the importance of butter in pricing milk at the farm before I tell you that Chicago butter prices increased to 12.5 cents the third week of June after a 5.5 cent increase a week before. That put the butter price up over $1.60 a pound which is 17.5 cents over the support price of $1.43 (In my last letter I mistakenly said the support price for butter was $1.49 because I forgot to take out the last 50 cent drop in the support price for milk.)

Commodity Credit Corporation can start selling dairy products back to handlers when the market price reaches 110 per cent of the support price. For butter that would be $1.57 a pound so if the $1.60 holds, CCC stocks would go on the market. The important point is that butter price increases are the first sure signs of a turn around in the supply/demand problems of milk. The added fact that it's happening during the Spring flush makes it all the more encouraging. Cheese prices also have increased but not as much as butter. Forty pound blocks last week were $1.33 a pound, just 1.5 cents under the support price.

Production Down Sales Up

Reasons for the increased prices were lower production and better sales. Nationally production was down three percent in May compared to a year ago. Pennsylvania, New York and Wisconsin were all down one percent. Minnesota was down eight percent and California up five percent. Such differences were common around the country with Federal Order receipts down nearly 10 percent in the southeast and only two percent in the far west. Production drops were blamed on fewer cows, three percent less than last fall, and less milk per cow because of higher grain prices and lower milk prices.

What proportion of the decrease came from the Milk Diversion Program and what was the result of production economics is hard to determine for one month. Other factors contributing would include the poor Spring weather and continuing favorable cull cow prices. On the demand side, commercial sales from January to April were up six per cent over last year largely because of increasing consumer income and the value of milk and dairy products compared to other foods.

Why Butter?

The question still remains why butter prices went up so much more than other manufactured dairy products. One reason may be that butter/powder manufacturing is at the bottom of the pile when milk supplies start to tighten. They are the first ones, usually, to feel the pinch and perhaps butter buyers are anticipating even shorter supplies next fall when some authorities predict a 20-to-40-cent increase in the M-W price.

On the other hand, buyers tend to let their butter inventories dwindle over the late winter with the hope of buying butter at lower prices in the Spring but this year it didn't happen that way. So, inventories had to be replaced now even if it went into storage as a hedge against even higher fall prices. I also feel that the higher personal incomes help butter prices more than other dairy products because, in spite of its imitators, it's still the superior spread.

Payoff

You must have heard the national TV news network story last week that dairy farmers got $136 million during the first quarter of 1984 for not producing milk. Of course, the newscaster never explained that the $136 million came out of the $277 million that producers paid into the program up to the middle of June. Actually, contributions by all producers into the program exceed payments to participants by $140 million now, but this is expected to even out over the 15-month period because of declining milk production.

Milk Diversion Program payments by states now show Wisconsin leading with $17 million; California and Minnesota next at $11 million; New York, Florida and Missouri at $6 million and Pennsylvania and Michigan at $4 million. The newscaster also forgot ot mention that CCC purchases were down 34 percent from last year partially due to the Diversion Program, and that total costs for the year would be about $1 billion less than last year. He might have even mentioned that some day soon CCC may be selling dairy products rather than giving them away.

Security Bill Passed

After four amendments in the Senate the House passed the Milk Producers Security Act on June 26 with a vote of 198-1 and sent it on to the Governor for his signature. The effective date will be July 1 or immediately at his signing so it will affect all Pennsylvania licensees starting July 1. All have been notified by the Pennsylvania Milk Marketing Board to be ready to comply with the new Act if they want a license after July 1. Senate amendments to Sections 7 and 9 separated the surety bond of the handler from all other obligations to his creditors and made it available exclusively to producer creditors.

Another amendment prevented the granting or renewal of a license to anyone convicted of a felony within five years of his application. These last minute amendments indicate we're still relying on our experiences to develop a security program in Pennsylvania and we seem to have more experiences than anyone else. I just hope five years is long enough.

Agriculture export seminar Aug. 1

NEWARK, Del. — The University of Delaware College of Agricultural Sciences has joined forces with the Delaware Department of Agriculture, U.S. Department of Agriculture, U.S. Department of Commerce and Delaware Development Office to sponsor a one-day seminar on agricultural export marketing.

The seminar will take place Aug. 1 at the university's Goodstay Center in Wilmington. The program will feature many invited speakers on various aspects of export marketing. The event should be of special interest to farmers, agribusiness professionals and companies in the mid-Atlantic area who are interested in export marketing.

For further information, call extension farm management specialist Dr. Don Tilmon at 302-451-2511.

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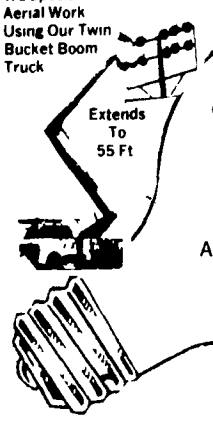

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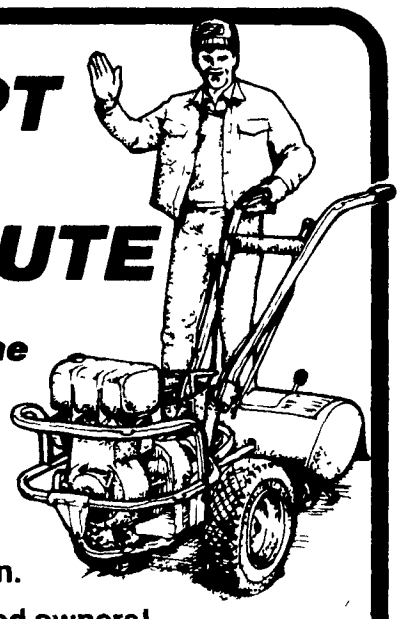

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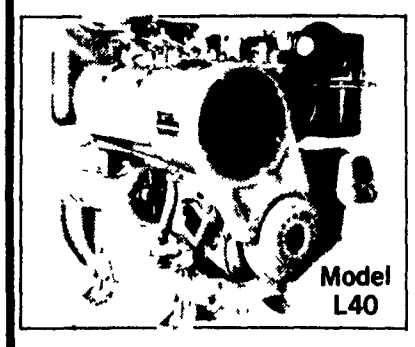

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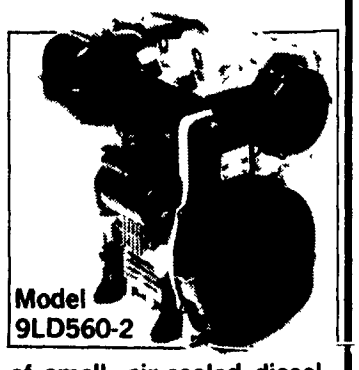

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Chester Co. Conservation Dist. lauds stream improvement

"Members of Trout Unlimited and West Chester Fish & Game Clubs have put a lot of time and effort into improving the fish habitat along Valley Creek", Ray Bednarchik, Waterways Patrolman told Directors of the Chester County Conservation District during a pre-meeting tour at their recent monthly meeting.

Directors were getting a first-hand look at the efforts the club members had been putting into building deflectors and dams to protect the stream banks and channels. Valley Creek starts east of Exton and empties into the Brandywine near Sugars Bridge (Chester County).

"Deflectors help to speed up stream flow. The velocity helps keep the stream bottom clean for fish spawning areas. This assists in natural reproduction. As the stream flows faster, more oxygen is added to the water", Bednarchik explained.

"A stilling area is formed next to the stream banks upstream from the deflectors where suspended silt can settle out. The areas can provide fertile food areas." He also said that the resulting increased water depths and reduced temperatures are favorable conditions for fish life.

Bednarchik explained that dams across the stream provide eddys upstream and form deep fishing pools below the dam. The water is also oxygenated as it falls over the structure.

The sportsmen have planted grasses and woody plants on the stream bank to control bank erosion. The willows provide an extra benefit as they help to shade the stream bed and maintain lower temperatures. Large boulders have been placed at strategic points along the stream to provide fish cover.

The trout raised by the members of the West Chester Fish and Game Club have recently been released into the lower portion of Valley Creek and the Brandywine. This will provide fishing during the current season. Bednarchik said that recently hatched fingerlings would soon be added to the tanks. These fingerlings would grow to twelve to eighteen inches in length by release time next year. The facility is located on a tributary of Valley Creek.

As a part of the regular business meeting, Directors voted to continue the "Memorandum of Understanding" with the Fish Commission. The Fish Commission and the District will continue to cooperate in improving stream conditions leading to better water quality and quantity, as well as recreation and fishing areas.

Chester County waterways patrolman Ray Bednarchik, (center) explains the construction and purpose of check dams and deflectors on Valley Creek, E. Bradford Township, to directors of the Chester County Conservation District.

Soybean Board approves funding

NEWARK, Del. — The Delaware Soybean Board has approved funding for 17 research and marketing projects for 1984. Among projects approved was the continuation of a University of Delaware task force study aimed at evaluating a wide variety of factors which affect soybean yields on Delaware farms.

Twenty-five commercial growers throughout the state are participating in the study as researchers and extension specialists analyze varieties, cultural practices, planting and harvest dates, water usage, soil types and other variables in an effort to help producers increase yields.

Other university projects funded were: a pilot study of the influence of 2, 4-DB on seed size increase in relation to increased yield potential; soybean variety testing for resistance to soybean cyst nematode; in-row tillage evaluation for full season and double crop beans; bur-cucumber control in soybeans; giant ragweed control; use of Bladex and Surflan for full season no-tillage soybean production; evaluation of the effects of various cultural practices on Dectes stem borer populations; Mexican bean beetle control using the parasite, Pediobius foveolatus; soybean variety performance tests; evaluation of varieties for no-till double cropping; seedling chlorosis as influenced by soil texture and cover crop mulch; weed control programs for full season no-till soybeans; screening for Fusarium blight resistance; and a project to develop a rapid, accurate, computerized technique for identifying seed-borne pathogens on or in soybean seed for inspection and/or seed certification.

The soybean board also voted to continue its support of a full-time agronomy assistant.

Funding for these projects comes from a one-cent-per-bushel check-off of soybeans raised in Delaware. The scientists involved are researchers at the University of Delaware Agricultural Experiment Station and specialists with the Delaware Cooperative Extension Service.

The board also committed check-off funds to the American Soybean Development Foundation in support of research activities and market promotion programs of the American Soybean Association.

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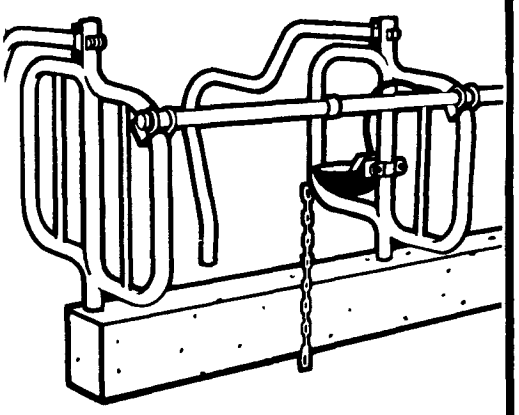

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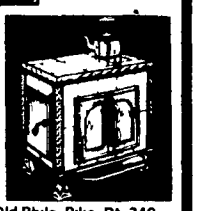

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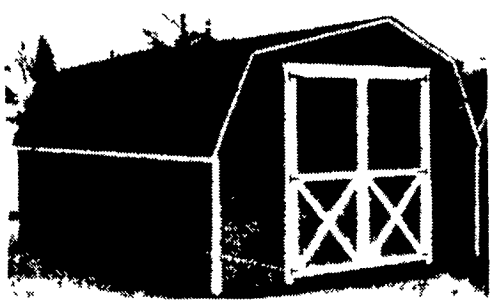

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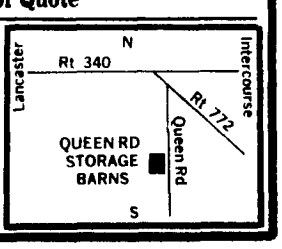

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Everything you wanted to know about carpenter bees

FLEMINGTON, N.J. — Carpenter bees are not my bag... but after spending a day on a ladder, poking a wire into the nest areas, applying an insecticide, and then repairing the damage with caulking compound, I became an expert, says Calvin Wettstein, Flemington County, N.J. agent. An up-date on "Carpenter Bees and Their Control" by Louis Vasvary, Extension Specialist in Entomology at Rutgers, helped.

The eastern carpenter bee is a large, robust bee, about an inch long. You may mistake it for a bumble bee. It's abdomen, though, is mostly black, bare, and shiny. The bumble bee has a hairy abdomen.

Male carpenter bees do not sting, but do fly close to anyone approaching their nests. Female bees can sting but seldom do... unless provoked.

Carpenter bees cause damage when they nest in wood trim, usually softwoods, like pine or fir. They create holes, some rather extensive, in wood, and in addition, the bee excrement near the nest openings streak the house siding.

Lou Vasvary describes how carpenter bees establish new nests. The female burrows a short distance into the wood at right angle to the grain. She then makes a 90-degree turn and burrows with the grain. Initial nesting cavities are about one-half inch in diameter and about six inches long. Female bees may re-use previously existing galleries.

Complete development from egg to larva to pupa to adult takes place individually within partitioned chambers. Pollen and nectar are provided in each chamber by the female bee. Young carpenter bees complete their development in late August and are active until fall. They overwinter in nest tunnels and emerge in April and early May to mate and initiate another cycle. There is only one generation each year.

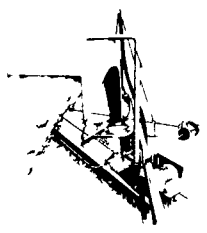
It's important to recognize the fact that carpenter bees, as most other bees, play an important role in the pollination of various plants. So, they are beneficial.

If an infestation of carpenter bees is located and if damage to the home occurs, you may well want to consider control methods. That will require use of an insecticide. Vasvary lists five or six materials that are labelled for carpenter bee control. They can be applied as a dust or liquid, depending on the formulation. He strongly urges user to read and follow all directions and precautions as stated on the insecticide label.

It's best to wait a day or two before sealing the openings with putty or caulking compound. This should be done to prevent wood decay.

If you have any questions, our authority in the Hunterdon office of Cooperative Extension is Martha Maletta, horticulturist. Give her a call, 788-1338 (201).

VAN DALE



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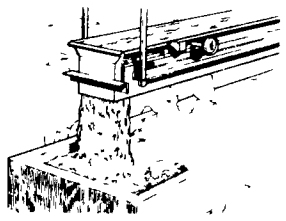

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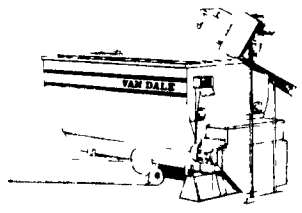

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1,000	4'0"	10'8"	7	1,129	406.00
1,000	5'4"	6'0"	7	1,028	378.00
1,500	5'4"	9'0"	7	1,388	509.00
2,000	5'4"	12'0"	7	1,735	620.00
3,000	5'4"	17'11"	7	2,432	837.00
4,000	5'4"	23'10"	7	3,130	1055.00
5,000	8'0"	13'7"	1/4"	4,484	1821.00
6,000	8'0"	16'0"	1/4"	5,588	1926.00
8,000	8'0"	21'4"	1/4"	6,981	2414.00
10,000	8'0"	26'8"	1/4"	8,375	2847.00
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12,000	10'6"	18'7"	1/4"	7,900	2978.00
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4,000	5'4"	23'10"	7	3,130	250 to 500
6,000	8'0"	16'2"	1/4"	5,123	500 to 660
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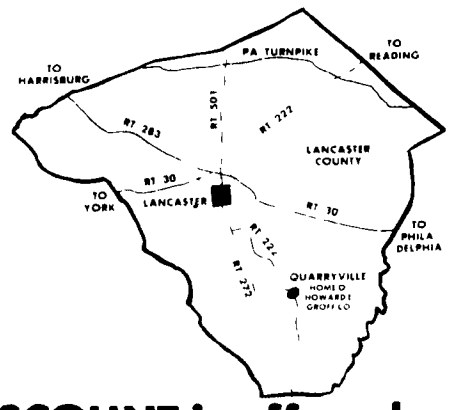

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Use microwave to test forage moisture level

NEWARK, Del. — Each year five to 20 percent of the annual hay and silage crop cannot be fed to dairy cows because it's chopped or baled at the wrong moisture content. But many dairy farmers own a kitchen appliance that can tell them — at the push of a button — when their crop is ready to harvest.

"A microwave oven can give you a quick, 95 percent accurate check on forage moisture," says Dr. George Haenlein, extension dairy specialist at the University of Delaware. "The technique works on grasses and legumes and on forage from the windrow, bale or silo — provided your family doesn't object to the smell of hay or silage in the kitchen."

The microwave can also be used to check the moisture content of haylage already ensiled.

The testing process takes about 15 minutes. It requires few additional tools and just a few simple calculations. Here's what to do.

First, collect a representative sample of the forage crop. Chop this into 2- to 3-inch lengths with heavy sheets or hedge clippers.

Place a microwave-safe ceramic plate or heavy paper plate on a gram scale. Record the weight of the empty plate. Then weigh out 100 grams of the fresh chopped forage and spread it evenly on the plate. If the plate won't hold 100 grams, record the fresh weight of the forage to the nearest gram.

The accuracy of the test depends on the quality of the scale and the accuracy of the weights recorded. Haenlein says a good diet scale that weighs in grams is acceptable and costs about $20 to $25. But a balance scale which weighs to the nearest one-tenth of a gram is perferable. Balance scales are available from farm supply catalogs for about $80 to $100.

Fill an 8-ounce measuring glass with water to the three-quarter level and place it in a back corner of the microwave to prevent the forage from charring and to protect the oven.

Put the forage plate in the oven. For haylage (50 to 70 percent moisture content) heat for four minutes; for hay ready to rake (35 to 40 percent) or baled hay (20 to 25 percent) heat for two minutes.

Remove the plate, weigh it and record the weight. Mix the forage, rotate the plate and return it to the microwave. Heat haylage an additional minute, or hay an additional 30 seconds. Remove the plate and again weigh it and record the weight.

Continue this heating, mixing and weighing procedure until the forage weight does not decrease by more than two grams, at which point you have reached the dry weight, Haenlein says. If the forage starts to char or

this stage, use the last recorded weight as the dry weight.

To figure the moisture content, subtract the final dry weight from the beginning fresh weight of the forage. Divide this difference by the beginning fresh weight and multiply by 100.

For example Haenlein says if you measured out 100 grams of forage on the plate and, after drying, the final weight was 71 grams, the calculations would be: 100 grams - 71 grams = 29 grams; 29 grams divided by 100 grams = 0.29; 0.29 x 100 = 29 percent moisture content.

Montgomery no-till acres increase

NORRISTOWN — The Montgomery County no-till planting program has had a successful spring planting season. About 40 cooperating farmers have planted over 1200 acres using the Montgomery County Conservation District's no-till planting equipment.

The program, in its second year, has already exceeded its goal of 1,000 acres for the year. Still ahead are summer forage crop seedings, and the fall small grain planting season.

No-till, short for no tillage, is the name for the practice of growing farm crops without plowing, disking, or disturbing the soil surface in any way. This reduces or eliminates soil erosion in the fields. Soil conservation is the primary reason for the use of no-till practices.

Ed Brzostek, district conservationist, soil conservation service, inspects Montgomery County no-till corn field.

According to Bill Steuteville, the No-Till Program Coordinator, the crops look very good; "on the whole, I am very happy with the no-till crops I have seen in Montgomery County." He adds, "This has been an unusual spring planting season. No-till has stood up under some pretty severe conditions this year."

The program, created to promote no-till agricultural practices, has enabled area farmers to try it without having to invest in expensive equipment. The program has also made no-till affordable for small farm operators who simply can't afford the new equipment necessary for no-till.

In addition to these farmers, other Montgomery County farmers have used no-till on their own. These farmers, using thjeir own equipment, have planted an additional 2000-4000 no-till acres in Montgomery County. Steuteville thinks "These acre figures represent a dramatic increase over previous years, but I believe an even more dramatic increase will occur in years to come." Anyone interested in no-till or having questions, should call Bill Steuteville at the Soil Conservation Service in Norristown at 279-1178.

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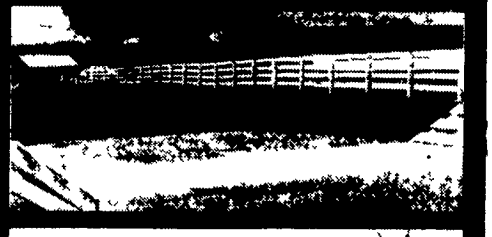

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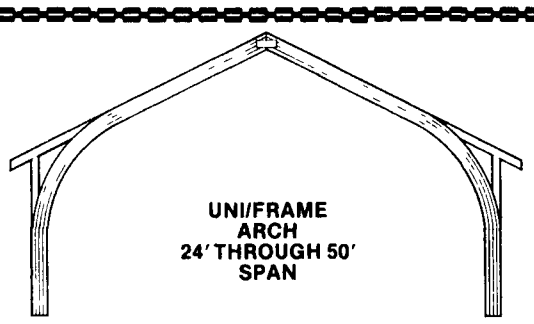

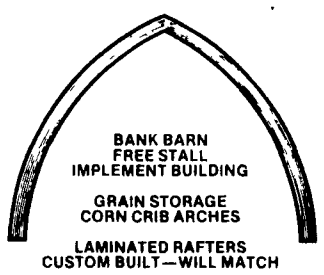

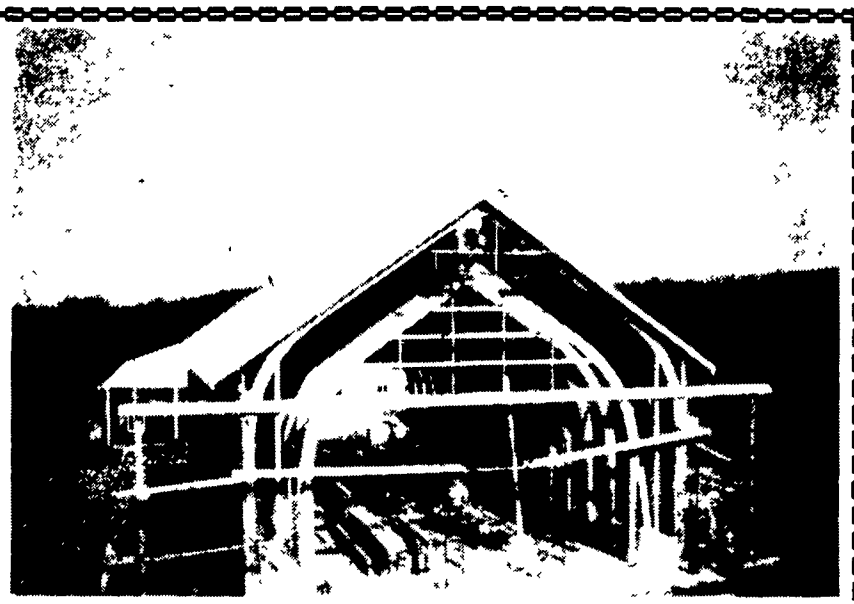

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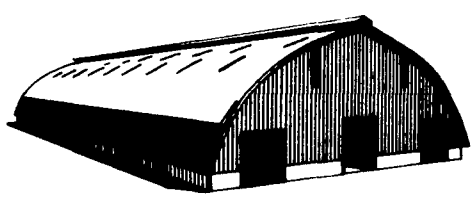

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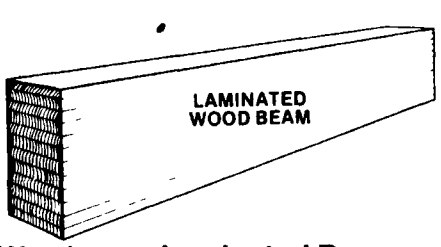

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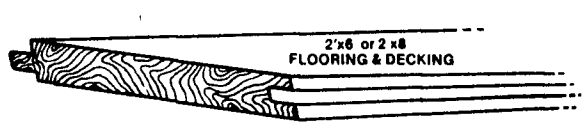

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FCA credit report reveals mixed trends

MCLEAN, Va. — "The vast majority of American farmers are paying their loans on time," said Donald E. Wilkinson, governor of the Farm Credit Administration (FCA), the Federal agency responsible for supervising, examining and regulating the private nationwide cooperative Farm Credit System.

"However, a significant number of highly leveraged farm borrowers are facing increasing problems," said Wilkinson.

The distress in this small category of borrowers is evident in the rise in loans in process of liquidation for both the Federal Land Banks and the Production Credit Associations (PCAs). These are loans where formal collection efforts have occurred, which may include voluntary sale of assets or court action.

The 12 Federal Land Banks, the system's long-term lenders, reported that 0.5 percent of 3,293 of their 659,000 loans outstanding were in the process of liquidation as of March 31, 1984. This is up from 0.32 percent or 2,152 a year earlier. The percentage of loan volume in liquidation rose from 0.8 percent to 1.37 percent for the same period.

PCAs, the system's short and intermediate-term lenders, experienced a smaller rate of increase. As of March 31, 1984, the percentage of loan volume outstanding in the process of liquidation was 2.67 percent up from 2.24 percent a year earlier. No figures were available for the number of PCA loans in liquidation.

In addition to loans in process of liquidation, the Federal Land Banks had 13,462 or 2.04 percent of their loans outstanding past due 90 days or more. The PCAs had 7,472 or 2.24 percent of their loans outstanding delinquent for 90 days or more. The loan volumes severely delinquent totalled $272 million or 0.53 percent of the outstandings for Federal Land Banks and $705 million or 3.76 percent of the outstandings for the PCAs.

"Despite the drag on income from carrying non-earning assets, the private PCAs and Federal Land Banks continue to be supervised by FCA in accordance with the Federal Farm Credit Board policy on forbearance", said Wilkinson. The Federal Farm Credit Board is the top policy making body for the FCA. Its members are appointed by the President with the advice and consent of the United States Senate.

Under this forbearance policy, FCA views loan extensions, reamortizations and other servicing devices as acceptable tools for Farm Credit System institutions to use to stay with a borrorwer where there is a reasonable chance of survival.

"However, there is a limit to how far such a policy can extend. Since these lending institutions are owned by farmers who borrow from them, any loan or operating loss must be repaid by these borrowers in the form of higher interest rates," Wilkinson said. "In addition, most of the funds are supplied by investors in system securities who must be assured of repayment so the system can continue to operate and offer attractive interest rates to farmers and their cooperatives," he said.

On March 31, 1984, loan volume outstanding for the Federal Land Banks stood at $51 billion, up 0.9 percent from the previous year. Loan numbers dipped 1.1 percent for a total of 659,000. PCA loan volume outstanding dropped 6.6 percent to $18.8 billion. Numbers of members with loans declined 8.4 percent to 340,000.

"The sluggish loan demand reflects a continued effort by agricultural borrowers to improve their financial position by paying down on loans, slow turnover and soft prices for farmland, and the fact that borrowing for 1984 crop production was just beginning in many parts of the country," Wilkinson said.

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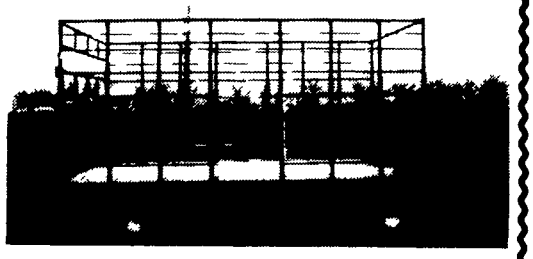

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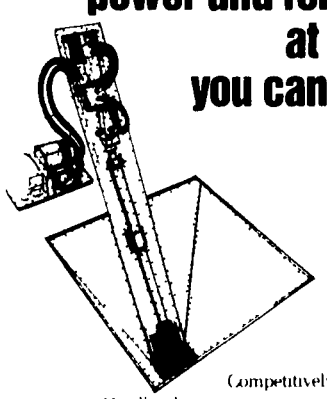

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18-6	5227 bu.	$2,538.64	48¢	30-8	19630 bu.	$7,339.80	37¢
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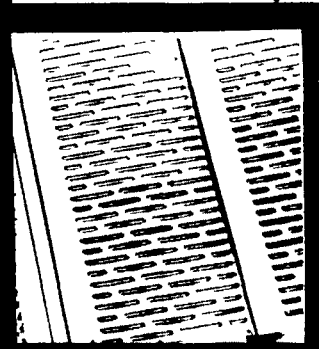

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For safety's sake, read pesticide labels

NEWARK, Del. — The label on a pesticide container is important to every user. The information it contains comes from years of costly tests and studies, and the instructions tell how to use the product safely and effectively.

"When properly followed," says University of Delaware extension agent Dave Woodward, "the label provides protection for applicators, consumers, fish and wildlife. So read all of the label for every pesticide you use. Don't rely on your memory."

A label contains several kinds of information. First, it identifies the contents of the container. Chemicals are listed in a standard form that tells users exactly what they're applying.

"Improper use of a chemical can causes crop injury, poor pest control or illegal residues," the agent says. "This may render the treated crop unfit for market, and you, the applicator, would be legally responsible for any losses."

Most labels use signal words to state a pesticide's toxicity to humans. They also list protective equipment — such as masks, gloves and respirators — needed for safe handling and use.

"The applicator who works frequently with such chemicals must be especially careful," Woodward says. "Don't take chances with your health — follow the safety suggestions given."

Pesticide labels also list the uses for which chemicals have been approved by the Environmental Protection Agency (EPA). "If the intended use is not listed, don't use the product!" he warns. "You are legally responsible for any accident or crop loss which results from applying materials which are not approved."

Certain formulations of a particular pesticide may be intended for a specific use, such as on livestock, even though in different forms the pesticide is registered for other purposes. Generally, any non-labeled use is considered a misuse and the applicator may be taken to court.

Recommended doses and directions for applying the pesticide for approved uses also are given on every label. These suggestions can be helpful because they state the maximum dosages permitted by law. However, actual conditions may not require a maximum dose for good control of the pest being treated. Use no more pesticide than is needed, Woodward advises.

A pesticide can often be combined with other pesticides or fertilizers for one application. But sometimes chemicals can't be mixed without destroying their effectiveness. So check compatability before mixing. The label usually states which other materials can be combined with the product.

It also tells whether plant injury is likely. Some plants are more sensitive than others to certain chemicals. Injury can range from slight burning to complete foliage loss of even death of the plant, so be sure to choose a pesticide which is safe for the target plant.

The information which appears on a pesticide label meets strict government requirements. The label itself — not just the product — must be registered by the EPA before it can be used. EPA reviews and approves each statement given. Toxic warnings are based on results of tests required by law. A pesticide and its label can be registered only when it is clear that applicators, consumers and the environment will be protected from the chemical's effects. If directions are followed carefully, no illegal residues should be found on any crop.

"Getting a single pesticide ready for registration and use takes 10 years and costs the manufacturer more than $25 million," Woodward concludes. "Surely, if it costs that much to develop those directions, the label ought to be worth reading!"

Container-grown trees useful on strip mines

UNIVERSITY PARK — Tree seedlings grown in small containers in a greenhouse can be used to revegetate land strip-mined for coal, forest scientists at Penn State University are finding.

This method of growing plants, long used with vegetables and flowers, is being applied to forst seedlings, especially conifers, according to Russell J. Hutnik, forest scientist with the Agricultural Experiment Station at Penn State.

One of the major advantages of this system, the scientists claim, is that the container keeps the root system intact and protected in a fertile growing medium. In contrast, conventional nursery-grown tree seedlings are planted in a bare-root condition and are subject to injury during processing, shipment, or planting.

According to recent studies at Penn State, however, the container-grown seedlings are not always superior. In fact, survival and subsequent growth have sometimes been less that with standard nursery-grown seedlings.

Cost becomes a factor, Hutnik observed. To compete economically with nursery-grown seedlings, containerized seedlings must be grown for no longer than one year prior to transplanting, in contrast to the two to four years normally needed to produce certain conifers in nurseries. The older seedlings, it was noted, are better able to withstand competition from other vegetation and tolerate late frosts and droughts that often occur following spring planting.

"If the springtime has sufficient, well-distributed rainfall and no severe late frosts, and if weed and grass cover is not too dense, containerized seedlings survive as well or better than bare-root stock," Hutnik affirmed.

"This apparently explains the good results we had with our container-grown seedlings in 1978, as compared to relatively poor results in 1977," he added.

With one container type, trees surviving four years following planting were similar in size to those grown in nurseries, even though the containerized seedlings were younger and smaller at time of planting. Edgar H. Palpant, retired faculty member in forestry, was active in the research.

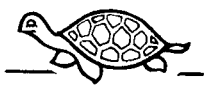
The container-growth method has several attractive features, it was pointed out. It conserves seed that is expensive or in short supply, such as seed from genetically superior trees. It improves flexibility in planning and in responding to unexpected developments, since the time from sowing of seeds to outplanting is shortening by a year or more. And it permits the planting season to be extended later than normal into the growing season, since the roots in containers are disturbed only slightly.

"For these reasons, more and more containerized seedlings are likely to be planted as part of reclamation programs on newly mined land as well as to rehabilitate old strip mines lacking adequate vegetation," Hutnik predicted.

He indicated, however, that bare-root nursery stock will continue to be the chief means of reforesting strip-mined land, at least in the near future.

More needs to be done in developing new or improved containers and methods of handling them in both in greenhouses and during outplanting.

DON'T BE SLOW



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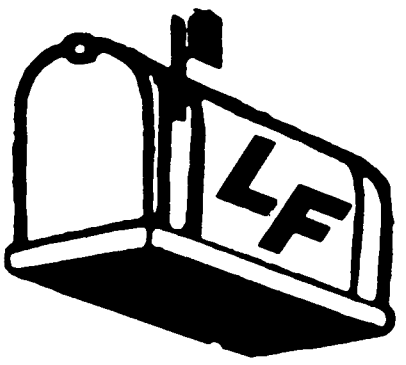

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NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section B with Mailbox Markets.

DEADLINE: 9 A.M. THURSDAY OF EACH WEEK'S PUBLICATION

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For ads running 3 or more consecutive times with no change deduct 20 percent discount. (See rate chart at beginning of classified section for an example of discount.)

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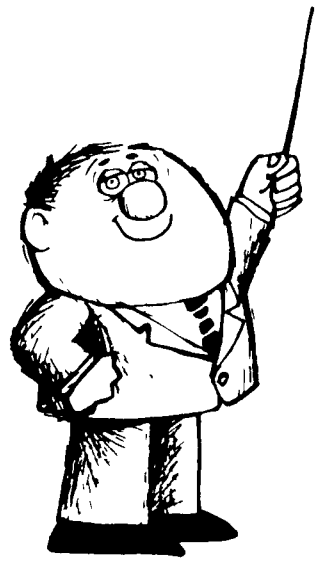

A LESSON WELL LEARNED...

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"LANCASTER" CONCRETE STAVE FARM SILOS

SAVE MORE IN 84 - SPRING DISCOUNTS NOW -
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"ZIMMERMAN" & "LEISS" FANS
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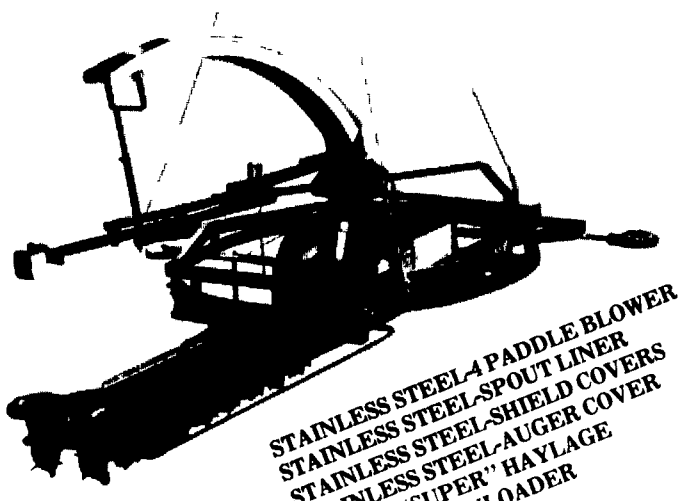
"NEW" SUPREME #428 TURBO RING-DRIVE SS



STAINLESS STEEL 4 PADDLE BLOWER
STAINLESS STEEL SPOUT LINER
STAINLESS STEEL SHIELD COVERS
STAINLESS STEEL AUGER COVER
"SUPER" HAYLAGE UNLOADER

NOTICE — All Supreme Ring-Drive Unloaders will be on sale for same prices as surface drive units. This offer applies to new Ring-Drive Unloaders only. Your used unloader could be worth up to $1000.00 on a trade. (Must be in working condition) If you purchase the Supreme SS428 Turbo Ring-Drive Unloader now — — It's a good bet this same Unloader will be peforming in the year 2000! The Stainless Turbo must last longer with lower maintenance. The Supreme SS428 Turbo Ring-Drive Unloader is unmatched for performance. This 4-paddle 28" STAINLESS STEEL BLOWER has tremendous capacity in Haylage.

PLEASE CALL 717-299-3721 - 7 A.M. to 4 P.M.

BUY, SELL, TRADE OR RENT THROUGH THE

CLASSIFIED ADS

PHONE: 717-626-1164 or 717-394-3047

FARM EQUIPMENT

For Sale - Flygt submersible manure pump, 16 h.p., model FS-3152, used only 8 months; Also (1) Vandale model 210 T.M.R. mixer, (stationary). Call Brad-Tro Equip Co. 717-297-4246.

Round Baler (McKee), like new, baled 200 bales, 800 lb size. Asking $6,000; Model AC 600 no-till corn or bean planter, $1,800 215-855-2946

For Sale - Chisholm - Ryder snap bean harvester, 1974 model diesel, hydrostatic, completely rebuilt, excellent condition. Columbia County Phone 717-759-0679

Worthington air compressor, 10 HP complete with 80 gal. tank and 3 phase, 10 HP motor. 215-255-5211.

Hesston 1¼ ton Stack Hand, new condition, $4,000 or trade on truck, car, cattle or tractor Call after 4 PM. 814-344-9965.

AC 4 row no-till corn planter, dry fertilizer. Phone 301-374-9218 after 7:30 PM.

MF 135 mounted mower 7 ft good condition, fit MF 35 through MF 255. Chester Co. 215-869-2679 after 7 p.m

4 Head Block V Belt drive saw mill diesel power complete. Phone 717-582-8188.

For Sale - 560 Farmall Tractor, $2,000 717-442-8020

For Sale - Fox Super Diesel, self propelled forage harvester w/3 row corn head; 3 Gehl forage wagons; IH 6 row air planter; MF 65 Tractor w/industrial loader. All in good condition. Call 301-348-5011.

For Sale - Badger BN184 Super Trail manure pump, excellent condition. Cumberland County. 717-776-7895.

1979 AC model 7000 Tractor w/cab, 3,000 hours; Also Hesston model 10 Stacker w/mover. 717-328-2297.

25,000 watts generator with 100 h.p. diesel engine unit has less than 400 hrs. The first $2,500 take it. Weighs about 4000 lb. 717-582-4358 after six.

JD 4040 tractor with sound guard cab, very nice condition. Price $16,500. 717-532-7054.

For Sale - 384 Leyland diesel, 92 h.p., excellent condition, $5,500; Allied Loader, $1,000. Kverneland 4 16" btm. plow, $450; 12' Transport disc, $450; 2 roller Cultipacker, $200; Ford 4 row 3 point hitch corn planter, new shovels, $450; JD 4 row corn planter on rubber, $300; 465 Nuffield diesel w/heavy duty Lord Loader, $3,500; Co-Op E-3, 40 h.p., just overhauled, new clutch, remote hydraulics, live PTO, good condition, $800, Int. Papec portable feed grinder, excellent condition, $1,800. 717-865-2202

For Sale - 702 Uni System with 760 harvester, $2,200 215-445-6156

SYCLE BAR MOWERS
IHC 1300, 7', 3 pt hitch
IHC 100, 7', 3 pt. hitch
IHC 100, 7' semi-mount
IHC 100, 7' F/H
IHC 7' F/H Pitman
IHC 7' Super A, rear mount
TOM WHEARY
Lancaster, PA
717-687-0102

For Sale - JD 4020 syncro range, dual hydraulic, good condition, $6,500 215-383-6818

JD 3800 Harvester w/2 RN cornhead & pickup. 717-393-4732.

FARM EQUIPMENT

Bulk feed bin, 10.7 ton Brock bin. Assembled Used 2 months, $1,500 firm 717-243-2233 or 258-3681 after 5 PM

FOR SALE - Combines, Tractors, pickers & other types of Farm Equipment Call Gary Leader. 814-652-2809

For Sale - 1983 JD model 8300 grain drill; 1981 JD Pull Type 12' chisel plow, 1978 Farmfan batch grain dryer with bins and augers, 1959 5 head Chevy horse van, 1 owner, 44,000 miles, 1970 Owatana haybine. All in good condition. Must sell. Call 717-273-6748

For Sale - Troyer high speed potato grader 717-367-2633

Cat D9G Dozer w/ripper, very good condition 717-933-5734

8' self contained cinder or fertilizer spreader, IHC 125C Crawler/Loader; Ford 550 Backhoe/Loader. 717-933-5734.

Ford 4500 Backhoe/Loader; Davis Walk-behind Trencher 717-933-5734.

JD 3020 console, standard shift, 72 model 814-793-4293.

NOTICE - Buy, sell or trade almost any type horse-drawn equip., mowers, rakes, crimpers, discs, harrows, plows, corn planters, tedders, packers, wagons, Wisc. engines, tobacco planters, etc. Wanted 402 N.H crimpers, Nickolson tedders Sam K. Zook, Kirkwood, PA. 17536.

For Sale - Generator, 4 cylinder, O'Keefe Merritt model N15, 15 KW, 220/127 volts, 3 phase 4 wire, 49.2 amps per leg, $650 or best offer. 215-542-7980 or 215-646-9057.

JD 494 corn planter with disc openers. 301-833-1847.

MF 65 gas, new rubber, $2,700. 814-793-4293

MF 65 diesel, excellent condition. 814-793-4293.

Oliver 1955 cab and air 814-793-4293.

Oliver 1755 diesel, 3 speed over and under, dual hydraulics. 814-793-4293.

For Sale - Cat D9G Dozer w/Ripper; 8' Spreader Box; JD 450 Crawler/Loader 717-933-5734.

2 hay feeders, $75 each; 1 JD A-20 corn cultivator, $350; 1 10' E-Z flow spreader and 1 9' offset transport disc with cylinder, $400. 215-356-5305.

For Sale - JD 6600 Sidehill Combine, cab, a/c monitor, weights, straw spreader, bin extensions with 213 grain and 444 corn head. Always shedded, field ready, priced to sell 215-298-2774.

For Sale - Twin-disc clutch 11" No. 2 bell housing. 215-683-7230.

MF 510 diesel combine, 4 row, 30", 15' grain, new rubber & motor, sealed ready. North Cumberland Co. 717-648-0027.

For Sale - Two reconditioned 250 gal., 25' foldup boom sprayers Completely ready to go 717-687-0102.

8 row planter, International Model 58, AC F combine 1974, 13' grain head, w/generation, 3 floating cutting bar, Dryer-Farm Fan Model 350 batch grain dryer 609-259-3733.

NH TR70 Combine w/6 row 30" corn head and 15 ft. grain head Call evenings. 301-845-6121.

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Lancaster Farming
P.O. Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164

FARM EQUIPMENT

Berg dependable barn cleaners, replacement chains, high discount this month, order Berg 5-tooth spracket if your chain runs off, Pincar PTO alternators, P&D silo unloaders, silo roofs, pikes. Lanc. Co 215-445-5309.

Gehl 1090 mower conditioner, used very little, like new. Lebanon Co 717-866-7093.

MF 410 combine diesel with 4 row wide corn head and 13' grain head Lebanon Co. 717-866-7093.

For Sale - 1975 300B diesel backhoe loader PTO, quick coupler, hydraulic, 3 point hitch, reverser transmission, 3 axle low boy trailer, 9 ton with ramps, $10,000. 304-735-3352. John Parsons, Aurora, W. VA. 26705.

FOR SALE - 4¾"x660' soft hose Vermeer irrigation traveler, also 3500' of 7' main line, good as new, $9,950 for both. 717-837-0724.

For Sale - JD 4430 with cab, dual hydraulic, tandem wheels, diesel, 2,931 hours, $15,000. Phone 301-797-6717. Ask for Mrs. Stovall.

72 h.p. Fiat Tractor, NEW. 3 point hitch, 8 speed transmission, fuel injection. Interchangeable with Allis Chalmers parts. Will sacrifice, $11,500. Manuals available. Call Lyn. 201-827-4143.

1010 New Holland automatic bale wagon, excellent field ready condition, $3,500 or B/O 301-348-5660.

For Sale - 702 diesel NI Uni tractor with combine picker and chopper 304-263-9801

4000 Ford Tractor, SU; 801 Ford Tractor 609-561-2332.

50 horsepower electric turbine pump, 3 phase, 717-626-8257

For Sale - New and used Vent-O-Matic fans and parts. Also used PTO Bear Cat hammermills; truck bed with hoist; forklift, Columbian cookstove parts. Lancaster County. Paul Heistand, 717-426-3286.

NH 851 round baler; NH 90 bale mover both new in 1982, 301-582-1927.

For Sale - 718 NH forage harvester with hay and 2R narrow corn head $2800, Lancaster Co. 717-367-2914.

The following categories are available for your classified advertising in Section C. Deadline-Thursday morning at 9 of each week's publication

- Farm Equipment
- Farm Equipment Wanted
- Silos & Unloaders
- Buildings & Supplies
- Grain Equipment
- Dairy Equipment
- Livestock Equipment & Supplies
- Cattle
- Horses & Mules
- Sheep & Goats
- Swine
- Artificial Breeding
- Hog Equipment & Supplies
- Poultry & Supplies
- Feed & Seed
- Fertilizer
- Plants
- Fruits & Vegetables
- Nursery
- Lawn & Garden
- Services Offered
- Custom Work
- Help Wanted
- Situations Wanted
- Business Opportunity
- Autos
- Recreational Vehicles
- Notice
- Lost
- Found
- Pets
- Household
- Miscellaneous
- Computers

The following categories are available for your classified advertising in Section B Deadline-Wednesday afternoon at 5 of each week's publication

Real Estate
Trucks & Trailers

For Sale - JD 4 row, 3 pt hookup cultivator, $1,200. 215-593-5345.

Dunham Lehr Loader, 50-80 h.p., heavy duty, 3 buckets, $1,150.00. 717-739-4814.

FOR SALE - 756 IH w/dual hydraulic & WF 814-766-3547.

For Sale - Horse Drawn 456 New Holland Mower and 310 New Holland Baler with Engine. 814-383-2347.

For Sale - New Holland crop chopper 33, excellent condition, $900. Chester County, Henry U Stoltzfus, Jr, Rt. 2, Honeybrook, PA. 19344 215-273-2120.

For Sale - JD model LA w/cultivator and plow, electric starter and lights, good condition. 717-665-3764.

Windrower 201 International stored inside, very good condition. Call 215-926-4815.

Tobacco planter, 1 row, $135; 5-16 btm. auto Case plow, needs work, $900; 8" steel H-beams, 16', $35. Lancaster Co 717-733-3980.

For Sale (2) 16.9 x 38 6 ply tractor tires, 30% tread left. $50 ea. 717-277-6235 evenings after 7:30

IH 125 sp combine, $1300; Oliver manure spreader, $450; corn sheller, $200. 717-758-3252.

For Sale- NH crop chopper Buck Co., 215-847-5715 or 847-2718.

726 husker and 726 head for Uni system. Chester Co. 215-857-3282

Farmall Super M tractor with new rear tires, $1,500. Also JD #43 pto corn sheller, 3 pt hitch, $350 Call evenings 201-359-5934.

Massey Ferguson Davis backhoe was on a 65 Massey, very reasonable 717-398-4785.

FARM EQUIPMENT

300 gal. Mojonnier open top milk tank w/Lehigh compressor, $400. 215-965-6363.

AC 12' Gleaner E Combine, AC 66 PTO Combine; AC Tractors 7020, 7000, 190 gas, 185, C; Oliver 66; 4" & 5" irrigation pipes, $50 ea.; AC used tractor parts. 717-733-8708.

Oliver self-propelled combine, real nice condition 717-626-8257.

GE 24" exhaust fan with flapper, 220V, stainless steel frame and blades, waterproof. 717-865-4461

For Sale - Pequea PTO hay tedder on rubber like new, $950 No. 56 Kelly 3 pt. backhoe 4 years old bring cash Garret County, Maryland. 301-895-5882 after 6 p.m.

JD 4230 4 wheel drive tractor, very good condition. 717-532-7054.

Massey Ferguson 165 gas tractor with front end blade. Excellent condition. 301-838-7651.

For Sale - 1981 JD 3140 diesel tractor. Same as 2940, 90 HP, 1600 hours with JD cab, dual hydraulics, 18x4x38 tires. New condition. Phone 717-532-8601.

NH 311 BALER
NH 320 BALER
NH 782
w/HARVESTER
NH 30 BLOWER

NH 271
w/THROWER

JD 24T
w/THROWER

NH V-TANDEM
RAKE HITCH

TRI-AXLE 18,000 Lb.
TRAILER

SHEETS BROS.
New Holland,
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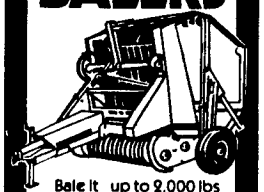
1061 Carlisle St.
Hanover, Penna.
717-632-3660

HAY! BALERS



Bale it up to 9,000 lbs of hay in one package Up to 15 tons per hour Solid from the core to the outside wrap

- 25% heavier than other large round packages 25% less spoilage
- A bale that retains its shape — and nutritional value — better than any other hay package in the field
- Five different models to fit your needs
- The best part? It's the most competitively priced baler in the field today!

Vermeer

The one man hay system includes disk and drum mowers, tedder rakes (twin rakes which can rake 3-9 ft. swaths into 1 adjustable width windrow) New and Used Balers, Bale Movers and Bale Busters

JOHN MCGILL
Western PA
412-352-3582

FARM EQUIPMENT

Hesston 10-W Stackmover, International 10 bale thrower, both good condition. 301-678-5296.

International side delivery rake, 5 bar; International 706 diesel, W.F.E., and mulch blower, V-8, Ind. engine. 215-269-3494.

For Sale - Fox Super D self propelled forage harvester with model 2000, 8 knife cutter head, electric knife grinder, cab, air conditioning, 471 Detroit, 2 row corn head. $7,950. Amelia, VA. 804-561-3267 after 7 p.m.

340 Int. Crawler Loader with bucket and fork $3,300.; Int. #46 Baler #10 Thrower $700, Phone 717-374-4129 after 7 p.m.

New Holland auto. bale wagon, model 1037. Excellent condition. Call after 8 PM 609-298-7066.

JD 6600 Sidehill, A-1 condition, 2,000 hours. Grain and corn head. $32,000. 301-795-2468 after 6 PM.

IH 656 wide front 3 pt. 814-793-4293.

JD 730 diesel, electric start, wide front, 3 pt. 814-793-4293

806 diesel engine, complete from fly wheel to water pump. Overhaul - 110 hours ago, $2,500 exchange. Negotiable 717-464-2874.

1980 Gleaner L2 corn + low hrs., all options 2 heads; AC 6 row rolling cultivator. 201-689-0253 or 689-3562.

FOR SALE
(3) Chisholm Ryder Bean Harvesters. Oliver Potato Digger. Barn w/ good timbers.
Lycoming County
717-398-0226

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- Ford 4000 201-3 cyl. Diesel List $722.85 Cost $530.01
- JD 4020 404 Diesel List $1408.22 Cost $1032.54
- MF 1100 6-354 Perkins List $1182 39 Cost $866.96

Call For Prices On Other Models

DIESEL ENGINE SERVICE
RD 3 Pleasant Valley Rd.
Ephrata, Pa. 17522
717-733-3890

FARM EQUIPMENT

NH 273 baler, good condition. 717-788-2369. Luzerne Co. Sugarloaf, PA.

For Sale - NH 310 Baler wtih #70 thrower. Has many extras and is in excellent condition. $4,450. Call 215-857-2168.

NH 353 Grinder Mixer, new never used. List price last year $7,460. This former dealer paid SNH $5500. Will sell for $5,200. firm 814-364-9751.

FOR SALE-2010 John Deere crawler loader with back hoe, very good condition. Wyoming Co 717-965-2305.

Super C fast hitch 7' sickle-bar mower, cultivators, horse drawn Case sickle bar mower Call 215-562-4225.

Ford Loyisville w/24' Grove's roll back, air brakes, new floor & tires, excellent, $16,500, 16' Shein roll back body, $2,500. Fred 607-642-8688.

NOTICE-We buy, sell, or trade used Wisconsin TFD, THD, VF4D, VH4D and VG4D engines. Also clutch reduction units; complete rebuilding, reasonable rates, work guaranteed. Stoltzfus Engine Service, 2447 Stumptown Rd., Bird-in-Hand, PA 17505.

1972 MF 1100 tractor w/cab; Ford 612 forage harvester w/heads, White 281 disc; (2) Ford 607 combines; NH 23 blower Huntingdon Co 814-542-9280.

For Sale- NH Bunk Wagon on Truck, good condition. $2,750. 717-944-1346.

FOR SALE-JD 55 combine (Square Back) w/12' platform w/P.U. reel & 2R-CH, good condition, $5,000 717-463-2394.

FOR SALE
760 MF Combine, 1980 model, hydro drive, 6 RN corn head, 15 ft. floating cutter head, 700 original hours, absolutely like new.
Priced To Sell
Call
717-437-2129

FOR SALE
JD 4440, 4 post, quad range, new tires, good condition.
$16,800
215-383-6818

MF Massey Ferguson

MF 725 7' Haybine
MF 3 Baler
IH 37 Baler & Thrower
NH 271 Baler & Thrower
AC 303 Baler & Thrower
NH 36 Crop Chopper
IH Model 8 Crop Chopper
Gehl 65 Grinder Mixer
NH 352 Grinder Mixer
Papec Grinder Mixer
NH L35 Skid Loader
Gehl 2600 Skid Loader
IH 154 Cub Lo-Boy w/Mower
MF 285 Tractor
MF T020 Tractor
Brillion 24' Field Harrow
Ford 27' Field Cultivator
Woods C80 Rotary Cutter
MF 300 Combine
MF 205 Combine

MARLIN SCHREFFLER
Pitman, PA
717-648-1120

FARM EQUIPMENT

1700 Mustang skid loader with V-4 air cooled gas engine. Good rubber, dirt bucket and manure fork, $3,800. Cumberland Co. 717-532-3360.

Oliver 1850 diesel, dual hydraulics, wide front, 814-793-4293.

IH 1066 cab, dual outlets, 3 pt. 814-793-4293.

JD 4430 power shift, dual hydraulics, 4 post roll guard, 38" rubber, 814-793-4293.

MF 1100 diesel dual hydraulics, 38" rubber, 814-793-4293.

Nicholson Hay Tedders
IHC horse cultı.
JD #7 Big 4 mower 7'
IHC #9 mower 7'
Oliver 2 row potato planter
TOM WHEARY
Lancaster, PA
717-687-0102

Oliver 1750 w/3 speed over and under year round cab. 814-793-4293.

AC D21 Tractor with 7' bottom plow; AC F combine 1974, 13" grain head with generation 3 floating cutter bar, IH model 58 8 row planter; 4 row cultivator for AC tractor back mounted; Farm Fan model 350 batch grain dryer, 609-259-3733.

For Sale - Complete line of turnip growing equipment Ceeders, Sprayers, Harvestor, Washers, Graders, Slow Tables, Baggers, Pallet Bins. Call 717-587-1428.

For Sale - Transplanter 2 row NI, Vibra Shank harrow 16 ft.; John Bean air blast sprayer, 500 gallon row crop; Oliver sprayer, 400 gallon. Call 717-587-1428.

Lely spin spreader
6' scraper blade
Ford 2 row cultivator
TOM WHEARY
Lancaster, PA.
717-687-0102

Forage Wagons
all sizes
Variable speed
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$3,845 - $4,475 net
Bale Wagons
16' & 18'
Wood or Steel sides
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All new equipment
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IH SC w/fast hitch
AC D15 3 pt.
David Brown 1200
Case VAC 3 pt.
Case 930 Tractor
JD 4010 WFE
JD 2640 w/canopy
JD 520 3 pt., PS
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JD 4400 G Combine
MF 175 D 8 speed
MF 235 G PS
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Ford 6 Bottom
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NI 206 Spreader
NH 216 Spreader

KELLER'S FARM MACHINERY, INC.
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Quakertown, PA 18951
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FARM EQUIPMENT

Jamesway Volumatic II silo unloader for 12' silo Also Jamesway auger feeder, 30'. Call 215-298-2334.

JD 4020 side console, rear end, $750. Fred 607-642-8688.

Detroit 671 diesel power unit, 238 h.p. w/twin disk clutch, Industrial Hammermill w/100 h.p. 3 p.h. electric motor, good condition. 717-733-1602.

FOR SALE-1 24,000 bushel bin; 1 16,000 bushel bin, 1 18,000 bushel bin, 1 Ideal dirt bin; 1 AS 600 Super B grain dryer - 3 phase, 1 Model 3000 MD bucket elevator with cleaner, 3 phase converter, 1978-79 John Deere 6600 Sidehill Combine 1500 hrs. 6 row narrow corn head, 15' grain head. 717-286-6411 or 717-286-0215

West Brick masonary lift, $1250.
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For Sale - IHC #64 pull type combine, PTO bin, working condition. 215-767-4755

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Oliver 18" 3 btm. trip plow, 3 pt. hitch, 6" beam
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Equipment very good condition, good paint
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3 pt., cab differential lock, turbo, deluxe seat, WF, 38" rubber, recent overhaul, VG
10' Huth Master offset disc,
excellent
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13½' grain head hume reel, 4 row corn head, VG
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Tractor repainted, new rings and valve job, $3,200.
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JD 4020 power shift, dual hydraulics 814-793-4293.

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JOHN DEERE

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JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 1250 corn planter
Oliver 5x16 Plow
1-JD AW disk harrow, 14'
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4440 Tractor w/cab & air

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13' Cut
Demonstrator
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Good Shape

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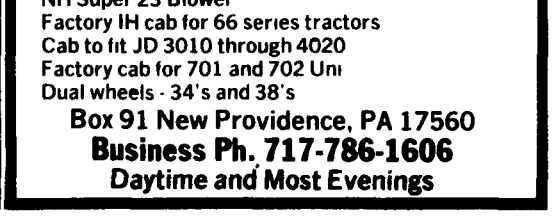

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JD 4240 w/sound gard, cab & air, 38" rubber, nice tractor
JD 4030 w/sound gard, cab & air, 18.4x38 rubber, fully equipped, nice
JD 4000 Diesel, wide front, year round cab, fully equipped
JD 4430 w/sound gard, cab & air, fully equipped
JD 4430 sound gard, cab & air, very nice
JD 730 Diesel, w/fenders, nice
JD 730 Diesel w/3 pt and fenders
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Quick attach loader for JD utility tractors
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IH 1086, cab, air, fully equipped, 79 model w/low hours
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IH 1066 w/factory red cab & air, new TA & clutch, dual PTO & hydraulics
IH 806 WF, 3 pt , new paint
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IH 110 forage wagon
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Manure Forks, fits skid steer loader

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Ford 9600 Tractor
Ford CL40 Skid Loader
IH 56 4R Planter
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MF 3B 14" Mtd Plow
NI 109 Fertz Spreader
Noble 25' Field Cultivator
Hesston 1014 Windrower
MM 3496 Combine Cab 2R Head 12' Grain Head
White 8600 Combine Dsl Hydro, Air
Ford 6000 Diesel
NI 709 Uni 4WD w/838 Husk Unit
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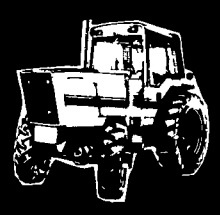
The cheapest price is not always the best price. We offer local grown used equipment at a competitive price backed by good parts and service.



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18.4x38 Tires
~~$23,700~~ $23,200

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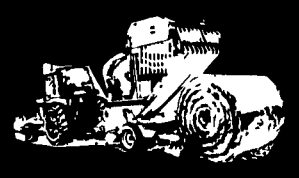

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5100 16x7 Plain Grain Drill w/grass seed	$4,000
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#10 Flail Chopper	$5,500

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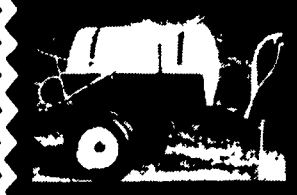
Left-Over New Sprayer



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$17,500

LOCAL GROWN USED TRACTORS & EQUIPMENT
Waiver Til 9/1/84 Available on Used Tractors

IH 886 90 H P Cab w Air	$17,500	IH 700 5-16 Semi-Mount Auto Reset Plow Can Convert To 4 Bottom, Good Cond	$2,650
IH 966 Cab, Good Rubber	Call	IH 710 3-16 Semi-Mount Auto Reset Plow	$2,750
Farmall 504 Gas, 3 PT w IH 2000 Loader Excellent Cond	$7,500	IH 37 Baler w Thrower, 1 Owner, Guar	$1,700
IH 1256 w 20 8x38 Rubber	Call	IH 990 Mower Conditioners, 9 Ft Cut	$2200
JD 2010 Diesel Utility, Excellent Rubber, Excellent Condition	Call	Gleaner M 1974 Diesel Combine Cab 4 Row Corn Head, 13' Platform, w Pickup Reel	$16,900
IH 2 Row Cultivator for F230, 240	$250	D R Ellis 2 Row Transplanter	Call
Papec Forage Blower	$650	2 Papec Forage Boxes on 10 Ton Gears 3 Beaters w Roof, Late Models, Excellent	$2,300 ea.
IH 56 Forage Blower, New Ring	$1,575	IH 400 6 Row Air Planter, No Till Coulters new Double Disk Openers, Insecticide	$3,000
AC Forage Blower	$400	AC 4 Row Narrow Air Planter, No-Till Monitor, Insecticide, Markers	$4,000
500 Gal Walsh Trailer Boom Sprayer	$1,000	IH 400 4 Row Air Planter, No-Til Coulters, Insecticide	$2,250
NH 880 Harvester w Corn Head	$3,000		
IH 530 Manure Spreader 145 Bu	$1,500		
JD 54 Manure Spreader w Hyd Endgate	$1,750		
IH 350 Tandem Disk Harrow 10'3" excellent	$2,250		
(2) IH #56 4 Row Planters			
JD 345 4-16 Semi-Mount Plow, Hyd Reset, Excellent	$3,000		

We Ship Parts Via UPS Daily

C & W EQUIPMENT, INC.
260 York Road Carlisle, PA 17013
Next To The Farmers Market
Phone: 717-243-4419

JD Model 24T Baler with Kicker - Good Condition
$1250
609/737-2800

JD 2280
12' Windrower, Self Propelled, Cab, Air, Diesel, 550 Hrs.
Used 2½ Years.
AC Model F Combine with 13 ft. Head and Cab
Forshey's Inc.
110 Forshey St.
Martinsburg, Pa. 16662
814-793-3791

Int. Combine Model 403 w/cab, 13' platform head and 2 row corn head, rebuilt engine with only 100 hours.
$8,900
717-637-3751 Ext. 261
Mon.-Fri. between 8 a.m. & 5 p.m.

USED EQUIPMENT

Available This Week
JD 4320 w/Factory Cab
Excellent, 2300 Hrs.

1976 4430 Cab & Air, 2100 Hrs.

JD 55 Square Back Combine w/Late Quick Tach Throat
MF300 2 Row Cornhead & Grain Table $2750
Farmall 756 Diesel
IH 1456 Tractors w/Cabs
Case 1030 Diesel
NI 13' Flex Head 740 Fast-Touch Throat
NI 744 Corn Head
NI 844 N Corn Head
NI 717 Combine
NI 710 Combine, Excellent
NI 737 Husker
NI 701 Tractor

RAYMOND B. LEAMAN
Willow Street RD 1
Ph: Lancaster 717-464-2778
Midway between Lancaster & Quarryville off Rt 222 take Brenneman Road at Graybill Bros. Garage, Refton.

JOHN DEERE

JD 4630 Tractor
JD 4430 Tractor w/roll guard
JD 4020 Side Console, WF
JD 4010 w/WF
JD 4010 Tractor w/year round cab
JD 2640 Tractor
JD 650 Tractor
JD 2840 Tractor w/year round cab
MF 65
Oliver 1950 Tractor
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 1240 4R Plateless Corn Planter
NI 325 2R Picker Sheller
NI 323 1 Row Corn Picker
JD 3800 Chopper w/2R corn head
JD 110 Disc
JD B Plane 15 Disc Grain Drill
NH Self-propelled Windrower
JD Kilafor offset Disc
Taylorway offset Disc
JD FB Grain Drill
John Blue 400 gal. Applicator
John Blue 1000 gal. Nurse Tank
JD 4400 Combine w/Platform & C.H.
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
Gleaner A Combine
JD 244 Corn Head
NI 279 Cut/ditioner
JD 10' Pull Type Chisel Plow
JD 1450 4B Plow
JD F145 5B Plow
IH 5B Plow
IH 6B Plow
JD 4440 SGB
JD 2 Bottom Plow
NH Rake
Used Hay Wagon

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

DEUTZ

USED TRACTORS & EQUIPT. IN STOCK

Hay Tedder, Vicon, 10'
Fahr KH-40 hay fluffer, 14' PTO driven
John Deere 480 mower conditioner
20 8x38-8P G Y power torque, new, slight damage pair, $800
14.9x28-6P G Y power torque, new pair $330
MF-1150 V-8 engine, turbo multi-power trans
Case 930 gas, comfort King, wide front
Case 830 diesel, comfort King, Case-O-Matic, wide front

NEW TRACTORS & EQUIPT. IN STOCK

D5207 Deutz tractor, 52 h p
D7007 Deutz Tractor, 68 h p
DX 4 70 Deutz tractor, 90 h p w/4 post safety framé
DX 120 Deutz tractor, 111 h p, w/4 post safety frame
Leon 636 heavy duty front end loader, fits Deutz tractors
Deutz-Fahr KH300 9 8' Hay Tedder
Deutz-Fahr KS85 Hay Rake
Custom-built diesel Gen-Sets made to order
New & Used Deutz diesel engines at special prices Call for details
New Deutz F2L-912 diesel engines 20-32 H P electric start

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312 West Main Street
New Holland, PA
PHONE 717-354-4181

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WHITE FARM EQUIPMENT

NEW EQUIPMENT

WHITE -
2-75 Tractor
2-110 Tractor w/cab
2-135 Tractor w/cab
255 Disk Harrow
225 Field Cult., 19'
5100 Seed Boss 4-Row Planter
435 Conservation Chisel Plow

GEHL-
BU 960 For. Box
FB 99 Blower
FB 1580 Blower
MC 2160 Mower Conditioner
CB 1000 Harvester with HA 1100 Pickup
RB 1460 Round Baler

AVCO NEW IDEA

NEW IDEA-
406 Rake
507 Mower Conditioner
509 Mower Conditioner

KUHN-
10' Gyro Star 3 Pt. Tedder & Rake

USED EQUIPMENT

White 5400 4-Row Planter
Reconditioned 214 w/217 Spreader
Danco 14' Forage Box w/Roof
Farmall M Tractor

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

FARM EQUIPMENT

Tractors & Equipment Just Traded & Purchased - New JD 2440 D for $13,900, New JD 4440 SG, Cab, PS; New JD 4440 SG, Cab, Quad; Used JD 4440; C.A. PS, original, real nice; New JD 6- row conservation planter w/liquid fert., inst., & monitor; Price for $12,900. New JD hay pickup head, $1,700; JD 4450 C.A. Demo; JD 4030 SG, Cab, Air, Quad, real nice; JD 4020 w/WF, 2 valves, new motor & original paint; JD Loader; 4430 CAQR. JD 5020 w/Dual Wheels, JD 4320 w/cab; Farmall 186 Hydro Cab & Air; 706 Gas WF, TA, FH. Original. Super M (SOLD); IH 3788 2+2 used 700 hrs.; IH 3588 2+2 w/800 hrs.; Farmall 656 D, WF, TA, motor rebuilt; White 4-150-4 WD for $11,900; JD 4020 side console, Farmall 656 Hydro D., real good, Case 1030 D New MC; 9 ft. cut/ditioneer, $4450.00; New MC 7' for $3900.00; Used NI 279, cut/ditioner; Used NH 477 & 467 7' Haybines; NH 451 3 pt. Sickle Mower (SOLD); JD 336 Baler w/No Thrower; JD 410 Round Baler; Int. 400 4 row cyclo planter w/no-til; Brillion 21 ft. hyd. fold cultimulcher; Oliver 4xsp. reset plow; Case 1537 Skid Loader.

Farmall 1026 Hydro.Late model JD 1209 Haybine.

NH 479 Haybines; real nice & field ready.

Hay Equipment Specials Haybines. Used Hesston 1014 Hydro; Swing, 12'; NH 495 12'; Int. 990 9' late model w/2 rubber rolls; Int. 990 9' (SOLD); JD 830 S.P. Windrower (SOLD); JD 1209 for 2000, Int. 1190 for 2475. New NH 489; NI 7' cut/ditioner.

MC 9' rotary scythe, $1250, NI 279 cut/ditioner, $1500, NI 7' cut/ditioner, $1200 & Up.

Balers: NH 280, NH 269, w/thrower, $1450.00.

NH 320 w/Thrower for $5750; Int. 37 w/Thrower, $975.

NH 320, looks like new; also new #70 NH Thrower. JD 466, a real nice big baler. Used NH 258 rake w/whl. Used NH 256 Rake; Ford sickle mowers; JD rake w/dolly whl.

JD 346 Wire Baler w/thrower; JD 336 Twine w/thrower.

(Combines on our lot)

Used J.D. 6620 Hydro w/heads

Used JD 6620 side hill fully Eq. w/215 flex & 643 C.H.

New JD 4420 fully equipt. 443 C.H. Used NH TR70 Hydro w/15 ft. flex & 6 row; Int. 1460 axial flo w/grain & 6 row; White 9700 rotary w/4 whl grain and 6 row C.H. 1977 JD 4400 Dsl. cab and air real nice; 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn. 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/C.A. and 2 heads, 1976 Int. 915D w/810 grain head. 1979 MF 550D, excel. w/grain and corn heads. 1975-MF 510D hydra. w/grain and 43 corn heads.

MF 410 D. w/cab & Q.T. Grain head.

MF 510D w/cab, Quick Tach grain Sale Price $5850.

1968 Gleaner CII diesel w/cab and 4 row C.H. JD 7700 D w/grain & corn head.

1969 MF 510D, cab & 2 heads for $9500.

MF 300 w/cab & 2 heads for $2900.

1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.

1979 MF 750 Combine, like new; 1976 MF 510, real nice.

1972 Gleaner F w/grain & 4 row C.H.

Int. 105 w/cab 10 ft. grain and 2 row C.H.

Gleaner E III w/cab.

AC 90 pull combine.

NI 702D w/cab w/chopper and 2 row C.H. $6250. 702 w/729 A sheller.

We have 4 N.I. Uni 729A shellers from $1500.

TRACTORS AND EQUIP. JUST PURCHASED, New JD 4240 C.A. and P. Shift, JD 4620 w/cab and new tires, real nice, JD 4640 C.A. PS 20x38 tires like new for $32,900. JD 2940 w/300 hrs., Used JD 2640 w/Hi-Lo dual hydraulic, $9875; JD 2010 gas 1775, Farmall 1086 C.A., $17,800; Farmall 886 w/cab and 18x38 tires like new, Farmall M, Farmall 230 WF & FH & Cult.; Super A w/2 Way plow, Cult.; Snow plow, Fully Eq., excel. cond.; Case 930D, original, Case 1030D, JD 3020 S.C. P.S. WF, JD 2030D w/R.G., JD 3010 gas, MF 180 Diesel, New A.C. 8050 P.S. w/radial tires list 56, cost 44, our price $34,850 - MF 184 4 whl. drive, MF 1080; used JD 4440 C.A. Q.R. looks like new, $26,500.

Just Traded JD 4430 CA QR-nice.

Used JD 4040 w/R.G. and QR- nice. JD 4630 cab, air P.S. w/front whl. drive; JD 6030 C.A. Duals all original; Farmall 1586 C.A. real nice; Farmall 1486 C.A. w/radial tires, real nice, one local owner; 1086 C.A. original, Int. 784 utility D, 1066 Hydro original, Farmall 706 gas WF and 3 pt., 766 original, NI 325 picker w/sheller like new. NI 325 picker w/12 roll bed; N.I. 324 picker w/12 roll bed; Case 1370 C.A. PS - factory duals and full wts., $13,500.00.

NI Combines Just Dealt. NI 717 combine w/13 ft. grain; NI 738 4R N CH; NI 10 ft. direct cut head; NI 3 row 30" silage head.

NI 713 Q Tach grain head.

MF 1135 CA MP real nice. Farmall 1468 C.A. $8850.

Farmall 886 w/R.G., 560D w/F.H. Nice 756D WF and F.H. nice original, 756D WF 3 pt. Farmall 806 gas WF real sharp. INT. 656 utility D, nice original Farmall 450 w/2000 loader.

Int. 574 utility D, w/new tires, Int. 504 utility D w/2000 loader.

Farmall 460 gas TA, FH for $1975.00.

Used NI 323 1 row picker $2150 Used Int. 1190 haybine for $3250 (SOLD).

AC 7010 C.A., P.S., 20:8x38 tires, full wts., light package looks like new.

Oliver 880, W.F. (SOLD); Farmall 656 gas; JD 730 D, nice. JD 620 w/PS.

Rakes: new NH 256 for $2100.

Used NH Tandem Rake Hitch; Used Bale Rack Wagon (SOLD) NH 30' Hydraulic Bale Elevator (SOLD); Gehl 920 Forage Wagon (SOLD).

Int. 61 Forage Wagon.

New Holland 1012 and 1010 Bale Wagon.

JD 3020 Tri D. JD 4020D W.F., D.L. and 2 values w/cab. JD 4020D W.F. P.S., JD 6030 C.A. real nice, 1970 JD 3020 D, SC, WF, w/cab; JD 3010 Tri Gas, Farmalls 1586 4 post R.G. w/duals, 1086 w/cab, 1206 extra nice.

Int. 606 w/loader, MF 175D w/R.G.

JD 4020 D., W.F., P.S. and diff lock) (Harvesters) NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 243 snapper head. Forage Wagons.

JD 216 - tandem axle. NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller.

(New) NI 323 corn-pickers at old price.

New NI 324 2 row picker.

Used Fahr rotary 7 ft. haybine. Glenco SS9 Soil Saver, JD 210 14 ft. Disc, Hesston #30 Stakhand.

CHISEL PLOWS- new Ford 13-ft. 3 pt. w/gauge whls.

HAYBINES- New NI 272 cut/ditioner- (SOLD); NI 279 cut/ditioner used 1 yr (SOLD). Used JD 1209 $2475; Int. 1190 (SOLD), used Grim 4 star hay tedders.

Used Grimm Hay tedders.

Used NI 279 Cutditioner, 2 NI 272 cutditioner, NEW NI 406 rake w/front whl.

Grinder mixers, NH 357 for $3850, JD 700 Grinder Mixer, like new. (Just Traded) N.I. 702 uni w/729A sheller and 743 3 row Q.A. corn head, real nice and field ready.

New AC 7010 w/20 sp. trans. JD 4020 S.C. w/cab. MF 1135 w/cab. Farmall 350 w/P.S. and F.H.

Super M, 2M, 2H.

Balers (new), NH 315 w/#75 thrower (SOLD) JD 410 Round Baler; JD 500 Round Baler. NH 280 w/hydraulic tension and thrower. New Idea #456 round baler; NH 320 w/thrower (SOLD).

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard.

Case 1410D, nice.

Cub 185 Loboy Cadet 1650, 682, 129, 125; JD 317, 314, 210, 112.

New John Deeres 4240 cab & air Q.R. for $30,000; New JD 4440 C.A. QR w/radial 20x38 tires for $36,250.00. Local trade ins - Used JD 4230 CA QR, 4020 side console; Equipment - JD 1209 Haybine.

Corn Heads JD 643, 444, 244, 243, 843, 343, 443, 313 for 45C, 235, Massey Ferguson 1163, 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 844, 744, 843, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, NH 4 row 38" C.H. New JD 444 $7350 reduced to $6875. JD 443 used 2 seasons; Gleaner A430 used 4 years. 60 corn heads on lot. NI 738 and 728 4 row 30"

New Int. 810 13 ft. grain head.

Used Gleaner L2 grain heads.

2 used MF 63C Corn Heads to pick from. 4 used #810 Int. 13 to 16 ft. reg. and floating heads.

(New Farmalls) 5088 C.A. for $34,850 New 3688 fully eq., $30,800.00. Reduced to $30,000.

(Used Farmalls) 966 original, 1206 real nice, 300, MH, Used JD 4230 w/R.G. We have 4 JD 4020 side console diesels. 1970 JD 5020; Ford TW20 w/cab w/220 hrs., damaged. 1972 JD 4020D, WF.

Case--Used 2590 Fully Eq., w/Duals, like new. Case 1490 w/Front Wheel Drive & Loader, like new, 1370, 1070, 1030.

TRACTORS - Farmall 544 gas W.F., Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.

JD 4020 W.F. power shift, good tires; 1971 JD 4020 original; Case 1070 P.S. $6975; JD 4010 Tri D, Farmall 766, New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, Deutz 9006.

Long 910 D.

CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.

CORN PICKERS - New NI 325 w/12 roll for $11,800, used N.I. 325 w/12 roll bed current model. Used (2) N.I. 324 w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. JD 300 w/243 C.H. NI 311 - 2 row.

NI 727 Uni Husking beds.

JD 4020 w/58 Loader, JD 4320 w/cab.

686 w/German D., 560 D w/F.H., nice.

Farmall - 1568 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856 w/38" tires, very nice; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756.

HARVESTERS. Used JD 3800 w/2 row C.H. and pickup for $2850, N.H. 890 w/3 row 30"; NH 890 w/2 row; NH 770 w/2 row 30" C.H. Int. 720 - 2 row. Fox 2 row snapper head. NH 770 1 row snapper C.H.N.H. 890-2 new snapper head, new N.H. 890 new corn head used N.H. 770-H824 2 new corn head and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800. JD 4 row Stalker head, like new.

New JD 5½' Used JD 5½' & 7' Pickup Heads.

NH 770 w/Pickup head.

Gehl recutter blower.

ALLIS CHALMERS; 7040 w/cab, power shift like new, low hrs. 220 original, 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch.

2 JD 4 wheel drives 8630 fully eq. w/duals; & 7520 fully eq. w/duals.

FARMALLS: Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall 826 hydro D nice.

New White 2-65 w/front whl. drive and new 1730 loader, list $29,000.

Dealers net $23,700. Our special price $21,850.

New White 2-105 w/cab $22,850.

MASSEY FERGUSON - 2745 w/cab, 24 spd., like new; MF 175 D; 1085 w/cab, original for $8450. MF 85D w/new tires, MF 1155 w/C.A. M.P., MF 1130 for $6250. MF 1080D, MF 90D; 1155 C.A. MP-8950; Oliver 1950T w/cab and Oliver 1950T w/tank fenders w/over and under choice, $6950.00, 2050, 1855, 1855 w/duals, MM Vista 1000 w/cab and loader.

New NI 324 picker w/super sheller list $15,390. Special $8,475. Farmall 706 w/310 German D. w/cab, JD 2520D, MF 1135 w/R.G. and dual wheels, Int. 656 utility Hydro D. NH 890 2 row snapper head. JD narrow 30" 2 row head, like new.

NI 325 pickup w/12 roll bed used 4 yrs.

Ford 4600 D, low hrs.

Fords-5000D, 850, 1952-8N, 860; 8N w/Loader (SOLD).

N.I. 702 Uni tractors w/combines & 729A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.

IND. EQUIPMENT - Int. 500E crawler loader w/270 hrs., like new. Cat 933 crawler loader.

MF 200 Crawler w/6 way hydraulic blade; JD 350 Crawler loader.

Cat, Road Grader.

AC 600-21 ft. forklift.

Bobcat 720 Hydro Skid Loader.

Mechanics Specials. JD 3010 gas.

Case 1212 D.

Case 1410. Farmall 706 gas needs trans work, $2900.

Planters - New JD 6 row Conserv. no-til w/dry insect and monitor for $12,800. Used JD 7000 4 row planter; JD 7000 6 row plate w/fert. inst., Int. 56 & 455 4 row planters; JD 1460 6 row no-til liquid plateless Inst. - $1975.

Int. #400-6 row liquid fert., Inst. and monitor, nice.

AC 12 row No-til Soybean Planter; Oliver 6 row no til w/dry fert., inst., fert. fill and population monitor.

Cabs for JD and Int. 66 series Tractors.

3 new full vision cabs for M.F. 165 thru 1135. Glenco 12 ft. 9" Soil Finisher like new.

Brady 14 ft. pull chisel plow w/Buster bar.

Athens and Bush Hog 12 ft. and chisel plows.

Pick-up heads for NH 770, 717, Miller 12 ft. offset disk, JD Disks #210 - 12x14 ft. New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. NI 214 nice, JD 54 spreader.

We have new 4, 6, 8 ton running gears at low, low prices.

Used Danuser Post Hole Diggers.

New JD front dozer blade for 4520 thru 4620, 4430 and 4640.

N.H. 38 flail chopper, like new.

NH 36 Flail Chopper.

NI 319 mtd picker w/12 roll. JD 6 & 8 row front cult. New 15 ft. rotary cutter, Oliver 3x rollover.

PLOWS - JD 5x hyd., JD 2500 - 6x18 sp. reset, Int. #700 6x16 sp. reset w/colters etc. for $2650. Ford 5X sp. reset, Oliver 4x16 rollover, JD 3x16 rollover, AC 6X reset plow, MF 4x16 3 pt. plow; New Ferg. 10 ft. chisel plow w/gauge whls., Used Chisel Plows Brady 12 ft. & 10 ft. chisel plow, New IH 3 pt. field cult. 12', Used 3 pt. Bush Hog 7 shank V-ripper; Bestland rock picker. New Johnson loader.

Used Int. #315 13' roller harrow.

Used Brillion 13' roller harrow; JD 13' R.H. $975.00; JD 3 pt. - 1&3; Shank Sub Soilers.

Int. 475 18' Hydraulic Fold Disk.

Howard 13 ft. rotovator.

New 12 ft. 3 pt. field cultivator.

New Landoll 24 ft. hydraulic fold chisel plow.

2 new DMI 12 ft. pull chisel plows, JD and Oliver 4, 6 & 8 row front mtd. cult.

Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550. Ford 12 ft. Heavy Disk. Kawanee 22 ft. Wing Disk.

Int. 5100 - 21x7 DD grain drill, like new.

Used JD 8300, 21x7 DD w/gauge whls. & press whls.

Used JD 8300 21x7 D.D. w/grass seed. Int. 510 21x7 D.D. w/press wheels 2-sets of press wheels for JD drills.

MF 43 22D w/grass seed.

Shaver--Post Driver (SOLD).

New Fast Hitch 3 pt. adaptors for Farmalls.

Loaders, new Int. 2355; Used JD 260, 48; JD 58, 46A. Int. also set of forks, like new, Int. 2000 loader, 1 Int. 2001 loader, new Great Bend loader, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 2 Used 30.5 x 32 tires.

TRUCKS - 1979 Chev. C65 24 ft. rollback, like new.

Int. Scout 4 whl. drive, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new.

(New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for JD 3960, 3800, 38; Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.

JD front & rear weights, IH front and rear weights.

For your needs call:

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East Windsor St.
& Krick Lane
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THE NEW NUMBER 1 INTERNATIONAL

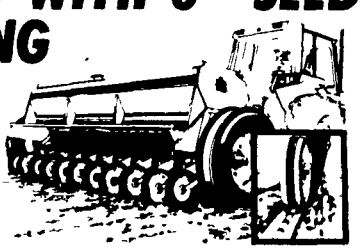
Go power!

Exclusive Hydro 84 Tractor
58.7 PTO hp*

No clutching or shifting

GET UP TO 25% MORE BEANS AND GRAIN WITH 6" SEED SPACING

Drill With The International "5100 Special"

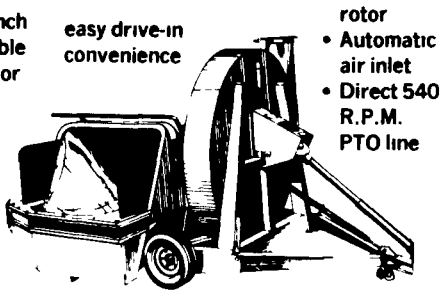


Outstanding accuracy begins with IH feed cups that deliver seed uniformly. Dual rib press wheels then compact the soil around the seed and gently "pat" the top to prevent air holes. Result uniform germination and emergence a start toward higher yields.

IH MODEL 600 FORAGE BLOWER

Capacity to match tall silos

- 30.5 inch extendable hopper for easy drive-in convenience
- 60" diameter rotor
- Automatic air inlet
- Direct 540 R.P.M. PTO line



- Wheels adjust for clearance, leveling and height

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going, Call Jay Gainer, Our Parts Mgr. At Home 367-7926

A GOOD SELECTION OF USED EQUIPMENT

HAY & FORAGE

- IH 56 Blower, HD PTO
- AC Model K Combine w/Platform & 3 Row Corn Head, Ex Cond
- NH 892 Harvester w/919 N3 Corn Head
- JD 14T Baler
- NH 479 Haybine
- NH 1469 Haybine
- NI 5 Reel Rake
- Int 35 Hyd Drive Hay Rake & Tedder Combination
- IH 650 Harvester w/Pickup & Corn Head
- (2) Dion Forage Box Wagons
- IH 1190 Mower Conditioner
- NH 495 12 ft Haybine 1 Yr Old Like New
- NH 2 Row Snapper Head
- Gehl 600 Harvester 2 Row & Pickup
- New Idea 1 Row Corn Picker (Nice)
- NH 880 Harvester w/2 Row Corn Head
- NH #8 Forage Box & 234 Wagon
- HD Big Bale Mover
- IH 60 Shredder 6 Row
- IH 50 Shredder 4 Row
- Owatonna 540 Stack Wagon Excellent Used less then 100 Loads
- Owatonna Stack Mower Excellent Used less than 100 Loads
- IH 990 Mower Conditioner
- IH 225 SP Mower Conditioner
- NH 822 Corn Head

AC Gleaner K, 10' platform, 3R narrow cornhead, excellent cond.

MISCELLANEOUS

- Grain-O-Vator Grain Cart
- Pequea Hay Tedder 9 ft Demo
- Little Giant 40 ft Elevator
- Herd Fertilizer Spreader & Seeder
- NH 352 Grinder Mixer

TRACTORS

- IH 84 Hydro, 1400 hrs like new
- IH 340 Tractor, Fast Hitch
- IH 5088, 136 HP 300 hrs
- IH Cub Lo Boy

TILLAGE

- JD 350 6 Bottom Plow
- IH 440 Plow 4 Bottom 16' Demo
- IH 700 4 Bottom Auto Reset Plow
- Brillion 14 Ft Transport Harrow
- Glencoe 9 Shank Soil Saver w/New Disc
- Brillion 10 Ft Culti Packer
- IH 350 Disk Harrow, 12 ft Nice
- JD 10 ft Rotary Hoe

PLANTERS

- IH 400 Planter 6 or 4 Row
- White 4 Row Air Planter

SPREADERS

- NI 214 3 Beater Spreader
- NH 519 Spreader 2 Beaters Hyd Gate
- NH 516 Spreader
- NH 362 Tank Spreader

SKID LOADERS

- NH L425, Rental Unit
- NH L775 Diesel, Deutz 50 HP

NEW HOLLAND

Messick's Invites You To

"COME ON IN . . . THE WEATHER'S GREAT!"

AND PRICES ARE RIGHT ON NEW HOLLAND HAY EQUIPMENT

A NEW GIANT:
New Holland 1900
Forage Harvester

LOOKING FOR A GOOD DEAL . . .

Example:

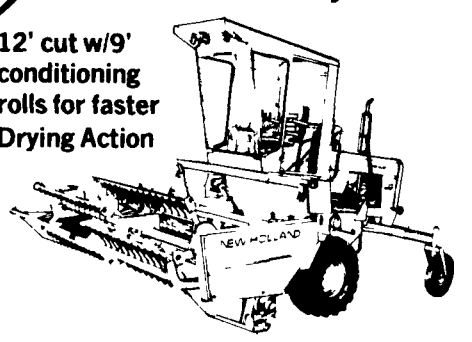
NH 495 12 FT. HAYBINE

With End Transport

LESS THAN **$8,900.00**

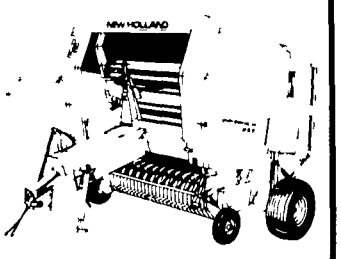
NH 1495 HAYBINE MOWER/CONDITIONER
Diesel Hydro

12' cut w/9' conditioning rolls for faster Drying Action



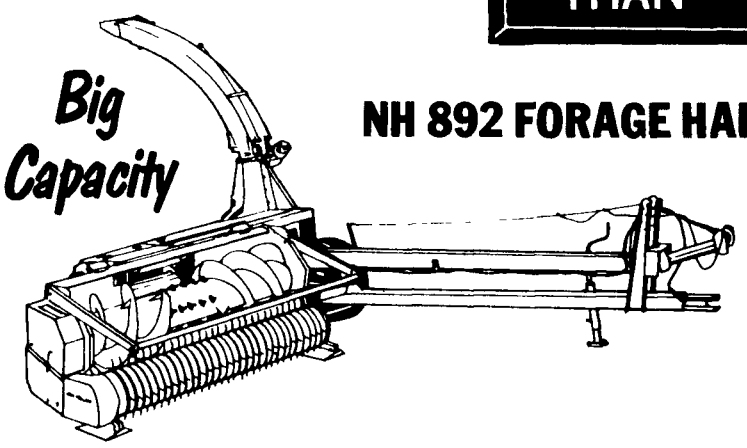
NH 855 ROUND BALER
Auto Wrap

The Capacity Champ that turns out solid, well-shaped bales weighing up to 1700 lbs.

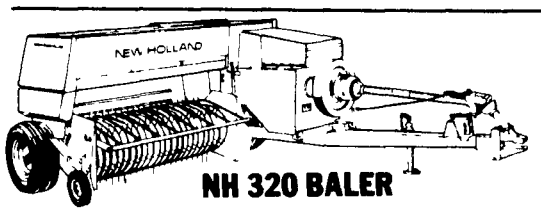


Big Capacity

NH 892 FORAGE HARVESTER



- Metalert-Metal Detector
- 12 Underbeveled Knives Requiring Less HP
- Flip-Up Feed Rolls
- 2 or 3 Row Crop Heads
- Wide Windrow Pickup
- Heavy PTO Shaft



NH 320 BALER

14"x18" Baler designed and built for the big-volume hay grower and custom operator.

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WAIVER OF FINANCE on Hay & Forage Equipment
Till September 1, 1984
OR LOW RATE FINANCING on New & Used Equipment

- 3% Financing for 1 Yr.
- 6% Financing for 18 Mos.
- 9% Financing for 24 Mos.

OR BIG CASH REBATES

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TOLL FREE IN PA. 1-800-222-3373
WARREN SPICKLER — HOME 653-4560
★ WE SHIP UPS

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

AC 200 Tractor w/Cab
AC 160 Dsl. Tractor w/ Loader
AC C Tractor & Cultivator
AC CA Tractor w/ Cultivator
AC 4 row 600 No till cornplanter
NH #479 Haybine
NI #218 Spr w/Upper Btr. & End Gate
NI #218 Spr w/Upper Btr.
NI #213 Spreader
NI #709 Hydro Power Unit
OMC 235 Swing Tongue Mower Conditioner 12'
OMC 220 9' Mower Conditioner
OMC 540 Stacker & Mover
8C Hydra-Mac Skid Loader

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Ephrata
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Wooden Conveyors
Taperboard Feeders
Wagon Beds
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1 - Roskamp (Workhorse) Rollermill. 9"x30" Rolls with Blower discharge
1 - Patz Liquid Manure Pump Model 100
1 - U.S. Farm Systems Bedding Chopper with - 7 H.P. Gas Engine (electric start)

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Terre Hill, PA
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IH 1568 ..... $16,500
IH 1066 ..... $13,500
IH 674 Diesel and 2250 Loader $12,500
IH 84 Hydro $13,000
AC D21 ..... $7,500
Farmall F350 ..... $2,850

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BIGGS INCORPORATED
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USED EQUIPMENT SPECIAL BUYS

JD 317 Mower, Snow Blade, Power Angle w/Hitch and chains. Low Hours. A Real Sharp Tractor and Deal $3,995
Case 1410 Power Shift Good used Tractor Not Beat Up $7,000

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FARM TRACTORS
Coming In TW30 Ford Tractor

Ford 5000, rebuilt motor, excellent condition; Ford 5000, new tires; Ford 4000; Ford 8000; A Farmall w/loader; cultivators available; Super A cultivator; 305 Kubota; Int. LoBoy; Ford Crop Blower; Ford 538 9' haybine; 20 used garden tractors; 610 Long 4 WD, very nice; 3500 Ford TLB; air compressor 125; Black top 1 ton roller, 2 ton roller.

MOORE DRILL
FOR SALE OR RENT
CALL US FOR INFORMATION

Lot Open For Inspection On Sunday

STRALEY FARM SUPPLY, INC.
Farm - Industrial Equipment Sale & Service
Ford, IHC, Kubota, Woods, Bush Hog, Danuser, Little Giant
Dover, Pa. 17315
717-292-4443

MF 200 Diesel crawler ldr., canopy, counter weights, 4 & 1 Bucket, Machine is like new
JD 350 B Diesel Crawler ldr., canopy, counter weights, hyd. steering, very nice
Int 2504 Tractor ldr., Backhoe, gas, very low hours, 24" & 36" bucket
MF 202 Diesel tractor ldr, Backhoe
Int. 3414 Diesel Tractor ldr., Backhoe
Massey Ferguson Backhoe attachment, 14" hoe
JD 1010 gas crawler dozer w/winch
JD 420 gas crawler Dozer, Canopy & Winch
JD 40 Crawler Dozer
Case 530 Diesel Tractor ldr., Backhoe, nice
JD 1010 Gas Tractor Ldr., Backhoe

JOHNSON FARM EQUIPMENT
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VERMEER | HEDLUND MARTIN INC | Vicon

NEW EQUIPMENT

- Vermeer 605H Baler
- Vermeer HL12 Bale Mover
- Vermeer 107 No Til Grain Drill
- (5) Scranton Round Bale Feeders
- (1) Hedlund Martin 1263 Scavenger II Spreader
- (1) Vicon 230 Gal. 3 pt Hitch Sprayer with 35 ft Booms
- (1) Vicon 108 Gal. 3 pt Hitch Sprayer with 21 ft Booms
- (1) Vicon 950 lb. Spreader
- (1) Vicon 15' Power Harrow
- (2) Vicon RP 1210 Round Balers
- (1) Vicon SP 450 Square Baler w/Thrower
- (1) Vicon 460 Square Baler w/Thrower
- (2) Vicon 8' Mower Conditioners
- (1) Vicon 11' Mower Conditioner
- (1) Vicon 5½' Mower

USED EQUIPMENT

- Haybuster 1068 Semi-Mounted No-Till Drill
- Vicon 10' Power Harrow
- 650 lb New Idea Fertilizer Spreader, 3 pt
- New Idea Manure Spreader w/Hyd End Gate

RED WING FARMS
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GUNTHER HEUSSMAN INC.

SO. 5TH ST., EMMAUS, PA. 18049 — 215-965-5203

Call John Bolton or Gunther

QUALITY LATE MODEL FARM EQUIPMENT

TRACTORS

JD 4440 Diesel Cab, Air, Quad Range
JD 4430 Cab, Air, Quad Range
JD 4230 Diesel Cab & Air 76 Model
JD 4430 Dsl., WF, Rops new engine, very good
JD 4240 Diesel Cab, Air, Quad, very nice
JD 4010 Dsl., WF
JD 3020 Dsl., WF, Dual Hyd.
JD 3010 Diesel
JD 2440 500 hrs., High Low Independent PTO
JD 730 Diesel, WF & Fenders
JD 630
IH 1466 Dsl. w/Cab & Air, very nice
IH 1066 Dsl. Cab, Air, Black Stripe
IH 1066 Dsl., Cab and Air, very nice
IH 886 Dsl. Cab & Air, 1100 Hrs., Very Nice
IH 656 WF, 3 pt.
Case 1194 (New, Special $9800)
AC 200 Dsl. Cab & Air
AC 5040 Dsl., 550 hrs.
Bobcat Skid Loader

HAY EQUIPMENT

JD 346 Twine Baler w/Thrower, like new
MF 120 T Baler w/thrower
JD 346 Wire Baler w/thrower SOLD
NH 479 Haybine
NI 279 9' Cut/ditioner
NH 310 Baler w/thrower
NH 5[SOLD]e

CORN HEADS

AC KL 238, FG 430
MF 24, 33, 43, 44
JD 243, 244, 343, 443, 444, 643

HARVESTERS

NH Super 717 w/2R corn head, very good
JD 3960 w/2 row narrow Head elec. controls
JD 35 w/540 PTO 1 or 2 row head

PLOWS

JD 4 & 5 Base Semi Mtd.
IH 710 5x20 Spring Reset
IH 720 5x16 Spring Reset
JD 2500 5x18 Spring Reset w/onland hitch
JD 2500 5x18 Hydraulic Reset
JD 2500 4x18 Spring Reset

GRINDER-MIXERS

JD 400, very nice
Gehl 65, excellent
NH 353 Like New

GRAIN DRILLS

JD FBB 17x7 Double Disc
JD B 16x8 Double Disc Grass Seed, very good
IH #10 13x7 DD grass seed and fertz.

CORN PICKERS

JD 300 2 or 3 RN or 2 RW
NI 325 2 RN w/12 roll bed, very good
NI 324 2 row wide w/12 roll bed
NI 324 2 row wide w/Super Sheller, like new
NI 319 2 row mounted 12 roll bed, like new
NI 323 1 row, very good
NI #7 1 row
JD A Tractor w/2 row mounted

6500 Bale Wire $36.50 per box

Farm Bilt, 8x18 Bale Wagons, 8 Ton Gear, 11 L Tires $1850

DISCS

White 271 hyd fold 18'
JD BWF 18' Wing Fold Rock Flex
JD TWA 11' Heavy duty disc
JD 4000 Double Offset 12'
JD KBA 10'
JD AW 10', very good
Kewanee 18' Hydraulic wing fold, very good
IH 501 12' Heavy Duty Disc.
Dunham 12' Roller Harrow, Very Good

MISCELLANEOUS EQUIPMENT

JD 88 scraper blade (new)
JD 3 pt. 18' Hydraulic Wing Fold Field Cult.
JD 45 & 55 Quick Tach Feeder Houses, very good
Servis 12' Rotary Mower
20x38-18x38-15.5x5x38-18x34 Duals
JD RM & RG 4 row 3 pt. cultivator
Nemeyer TE 350 12' Power Harrow, like new
GT 570 1975 500 bushel Batch Dryer
Sickle Bar Head to fit JD 34 Chopper

COMBINES

1980 JD 8820 cab, air, heat, 215 flex platform
1978 Gleaner F2 Dsl., cab & air, chopper, monitor, 13' grain table, very good
1979 JD 4400 Diesel, cab and air, 700 hrs., like new
1974 JD 3300 gas w/cab, choice of heads
1977 JD 7700 turbo dsl, cab & air, elec. header control, very good
1975 JD 4400 Diesel, Cab & Air, 1250 hrs., very good
1976 JD 3300 dsl., cab & air, choice of hds.
JD 454 Row Crop Head
1967 JD 45 w/cab & grain platform
1973 JD 4400 gas, cab, grain platform
1978 IH 715 dsl., hydrostat cab & air, very nice

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

USED BELTING MATERIAL RUBBER MATS FOR

Comfort stalls, Free Stalls
Horse Stalls, Horse and Cattle Trailers,
Hog Houses

Paul N. Brubacher
215-286-5298

MF Massey Ferguson

FIELD QUEEN FORAGE HARVESTERS

GOOD USED EQUIPMENT

TRACTORS
MF 265, 8 sp.
MF 285, 8 Sp.
MF 1080
MF 1130
MF 2705 cab, 700 hrs.
MF 1150 w/cab
Farmall MTA
Farmall 400 gas
Farmall 966
Oliver 1850 gas w/loader
Hesston 780 DT, demo

LOADERS
Gehl HL 3510
Gehl HL 2600
Gehl HL 4600
Owatanna 1200

COMBINE
MF 300, cab
MF 35, SP
MF 540, 13'
JD 30 PTO

HARVESTORES
Gehl CB 400
Gehl CB 600
JD 35
Fox 2000
Hesston 2000

MOWER CONDITIONERS
NH 469
NH 460
NI 299
(2) Hesston PT10
Hesston 6400 12'
Hesston 420 12'

NEW EQUIPMENT
MF 250
MF 270
MF 290 Orchard
MF 285, M-P
MF 670, cab
MF 670, 4WD
MF 2640, 4WD
MF 550, hydro
Brillion 7' chisel plow
Hesston 6450 12'
Hesston 6650, 12'
Hesston 7150
Field Queen 7650
Gehl CB1000
Gehl CB1250
HL 3510
HL 4500
HL 4610
Gehl 1400 Baler

Longenecker's, Inc.
At Clappertown Williamsburg, PA
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RINGTOWN FARM EQUIPMENT

NEW EQUIPMENT

784
684, 4 wheel drive
274 w/cultivators
284 4WD
1420 combine, demo
475 disk, 17'5"
18x7 comb. drill
370 disc, 11'6"
720 auto. reset 5 btm.
2250 loader
#50 Shredder
800 Cyclo planter, 4 row

USED EQUIPMENT

FORD 801 SELECTO SPEED, JUST OVER-HAULED REAL NICE

NH 273 BALER VERY SHARP PIECE OF EQUIPMENT

IH 674 RC
500 crawler
Farmall M WFE
Haines bulk bodies
Ziggy bulk body, 16'
Mayrath auger 6"x27'
Massey Harris drill 16x7
IH 234 cornpicker
IH 56 2 row trail corn-planter, ver nice shape
Potato planters
JD 2 row potato digger
IH 2 row potato digger
IH forage blower
Gehl 4500 skid loader
IH 3120 backhoe
Holland transplanter tractor drawn, mint condition
John Bean 3 pt. hitch sprayer
400 Cyclo planter 4 row
Friend Sprayer, 300 gallon
IH 310 Plow, fast hitch

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Low Cash Deals
RD 1, Ringtown, PA
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DISCONTINUED FARMING

Have for private sale harvesting and tillage equip. all in good farmer maintained condition. New Idea Uni System, 702D power unit w/735 corn head, 729 sheller; MF 510 diesel combine w/13 ft grain head, 6 row corn planter head; Intl. 205 combine w/10 ft. grain head; 1968 Intl. grain truck, 450 bu. capacity; 1961 Mack grain truck, 500 bu. capacity; AT1400, 4 wheel drive M.M. tractor w/Cummins 200 diesel engine (exceptional tractor); MF 1150 dual wheels, cab, etc., excellent cond.; Case 930, good farm tractor; 14' cultimulchers, cultipackers; 23' wing disc; MF and AC 14' transport discs; Glencoe chisel plow; other tillage equip; grain drills; corn planters, etc. Phone 1-215-384-4140.

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NEW EQUIPMENT
AC 2500 Disc 10 ft. 10 in.
AC 8010 PS w/20.8x38 Radials
(3) AC 6080 2 WD

USED TRACTORS
AC 175 Diesel
IH 896 Diesel w/cab
MF 1135 Diesel w/cab, heat & air

USED HAY & FORAGE EQUIPMENT
(2) NH 268 w/Thrower
NH 33 Crop Chopper
2 NH 717 Forage Harvesters
JD Tank Spreader
AC Model F Combine w/13' Grain Head -
IH 555 Forage Harvesters
Hesston 420 Self Propelled Mower Conditioner
Gehl 300 Forage Harvester
Gehl 600 Forage Harvester
NH 469 Haybine
MF Hay Rake

SPREADERS
NH 518 2 Beater
NH 513 2 Beater w/Hyd. Endgate

MISCELLANEOUS
AC 460 Loader w/2 Buckets (Will fit AC 6060 or 6080 Tractor)
NH 880 2R Corn Head
AC 600 4 Row No-Til Planter

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USED FARM EQUIPMENT

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JD 50 Tractor
JD 2440 Tractor 1700 Hrs. 1979 Model
Kubota - L185 - w/L59 Woods Mower & Snowblade, 992 Hrs. 1980 Model
IH 1086 Tractor - 3116 Hrs. 1977 Model
JD F350 4x16 Power Reset Semi-Mtd. Plow
JD F145A - 5x16 Semi-Mtd. Plow
(2) JD 494A Corn Planters
AC 7 Row No-Till Bean Planter
NH 10' Lime Fertilizer Spreader
Century 200 Gal. Trailer Sprayer
IH 13 ft. Roller Harrow
JD 896 Rake
JD 7 ft. Killifer Offset Disc Harrow
JD BWA 12' Disk Harrow
JD TWA 11 ft. 24 Blade Plowing Disc Harrow
JD 567 Wheel Rake w/6 Wheels, Like New
Ford 5 ft. 3 pt. Rotary Cutter
Sauder Loader for JD 2010 Utility
JD 148 Loader
JD 34 Spreader
IH 10, 16 Double Disk Grain Drill
JD 8300 21x7 Plain Grain Drill w/DD-Openers
JD FB-B 17x7 Drill
NH 355 Grinder Mixer, Excellent
1 pr. 14-9-28 Rear Tractor Chains. $125.00
JD 444 Corn Head, Like New
JD 7700 Hydro Combine
JD 3300 Combine 1976 Diesel Engine w/13 ft. Platform
JD 244 Corn Head
Woods RM 90 Rotary Mower
NI Cutditioner
IH 770 24 Blade Offset Disk
Flat Bed Dump Wagon
JD #1 Bale Ejector

NEW FARM EQUIPMENT SPECIALS

JD 4050 Tractor With 4 WD } Call For Price
JD 215 11 ft. 5 in. Dura Cushion Disk Harrow
JD 215 12 ft. 10 in. Disk Harrow

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(2) New Long 610, DT 64 HP - $12,300
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Long 1549 loader - $2,400
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Mr. Farmer: Do you have water for irrigation? Now is the time to get ready for this summers draught. We have a full line of Traveler Irrigation Machines from Long Mfg. available to you. Also we have pipe and pumps for all your needs.
Contact: Forrester Farms your Long irrigation specialist in the Cumberland Valley.

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(3) 702 Power Units
(2) 710 Combines
(2) 711 Grain Platforms
(2) 713 Grain Platforms
(2) 720 2x36 Snapper Heads
(1) 723 2x36 Stripper
(2) 725 3x30 Strippers
(2) 727 Husking Beds
(1) 729 A Sheller
(2) 760 Uni Choppers
(2) 761 Pickup heads
(2) 762 2x36 Corn Heads
(1) 767 High Moisture Adapter
Also JD 4x30 453 Bean Head w/ Gleaner Adapter
(2) AC 7010 Repo's $ Save
AC K2 Gleaner w/ 12' Grain Head
NH 490 12' Haybine

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Ford 333 w/cab & loader
Ford 541 1959, offset
(3) Ford 2000
New Ford 2910
Ford 3000
New Ford 3910
Ford 4000
(2) Ford 4000 1972,
Ford 4600 1976
Ford 5000 1969, SOS
Ford 6600 dual power w/cab
Ford 7000
Ford 7600
Ford 7600 w/cab, air & dual power
(2) Ford 7600 1976 w/cab, DP
Ford 7700
Ford 8600 1972 w/dual power
Ford 9600
Ford 9700 cab w/air, dual power
Ford TW 10 w/duals
JD 1030 hi-lo, w/cab
JD 1120 1969 hi lo
JD 2130 1975, w/cab
JD 2130 1974
JD 2130 1978, 4WD w/cab & heater
(2) JD 3120 1969
JD 3130
Farmall 400
(2) IH 784 w/cab & heat
IH 966 1974 w/cab
MF 135
Universal (Long 445) 4 wheel drive
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Ford 640 combine
64 Chev dump truck

New Replacement Seats for 9N to 5000 Tractors Adjusts to Operators Weight $120.00 Each

New JD Skid Loaders, Below Cost
(1) Model 125 Diesel
(1) Model 90 Gas **(1) Model 60 Gas**

Full Line of Tisco and Vapormatic Parts

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NH 276 baler w/thrower
JD 336 baler, no thrower
Grimm tedder
Gehl 100 grinder mixer
Gehl 800 chopper narrow row and pickup
Gehl 600 chopper, narrow row
Dion 3 beater wagon.

Horning's Farm Machinery
Ephrata, PA
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HESSTON CORPORATION

NI 802 Uni w/868 Harvester
866 Pickup
768 3RC Head $59,000
Waiver till 11/85 or $2,500 Rebate
HESSTON EQUIP.
1091 9' Windrower, $7,200
1010 Hydro Swing
1014 +2 Hydro Swing
Kuhn 10' Disc Mower Conditioner
Kuhn 17' Tedder
USED TRACTORS
White 2-155 4 Whl. Drive 1982 500 hrs.
Oliver 77
IH 340
IH Super C
IH 154 Cub Lo Boy
Hough 25B Loader w/52" bucket
Case 430D
AC B
AC D17
USED HARVESTERS
MF 750 Combine 6R & 131 Grain Head
702 Uni
Fox 3310
Fox 2310 2 Row N & Pickup
Fox 900 1 Row
Fox 299 80" Flail Head
Fox Max 1 4 Whl., New Low Profile Head
NI 323 Picker, used 40 acres
USED EQUIPMENT
Hesston 4800 Big Square Baler $29,000
JD 220 18' Rock Flex Wing Disc
JD 15A Flail Chopper
IH #10 Drill
Glenco SS9 Soil Saver
AC 8 Row No-Till 20" Planter
Hesston 10, 30A Stacker
Kewanee 20' Field Cultivator
JD 216 Wagon, 3 btr. & roof.
Hesston PT10 Windrower
Gehl 910 Fg. Wagon, 3 btr. & roof
JD 2280 diesel 14' windrower
16' Bale Thrower Wagon
111 JD 12' Disc Harrow
EZ Trail Bin Wagon
NI 214 Spreader
NI 212 Spreader
Hesston 3-Row Narrow Head
Fox 3-Row Belt Head
Fox 2-Row & Chain Head

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

FOR SALE
Massey Ferguson 13' grain header with electric variable speed pickup reel, in excellent condition. Used less than 400 acres also implement carrier for hauling head.
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New & Used Equipment

JOHN DEERE

West Penna. Ave.
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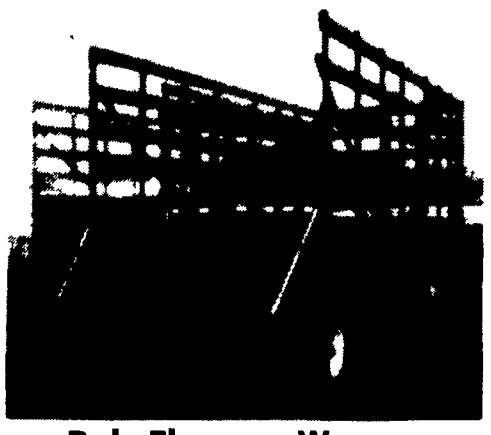
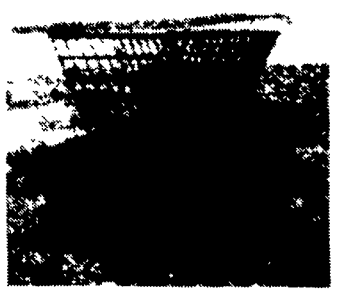


Bale Thrower Wagon

8 ton gear
Sides well braced
Side Holes - End Gate - Painted

We will also repair your wagon or build on your gear.

Also Hay Racks of Many Styles



Hay Rack and Feed Bunk Combination. Built on skids for easy towing. 8', 12' on stock. Also available trailer type.
Less hay waste
Also Round Hay Racks with or without bottom for 18 head.

Bell Road Wagon Shop

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Answering Service
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JD 650 4WD
JD 2350
JD 2640
JD 2750
JD 2950 MFWD
JD 2950 MFWD & Cab
JD 4050 RG, PS
JD 4250 Cab, PS

NEW EQUIPMENT
JD 1219 Mower Cond.
JD 712 Mulch Tiller, 11 ft. 3 in.
JD 1610 Chisel Plow, 8 or 10 ft.
JD 950 Roller Harrow, 12 ft.
JD 1250, 4-18" Plow
JD 415 Rotary Hoe
JD 327 Baler w/30 Ejector
JD 430 Round Baler
JD 450 Hydra-Push Spreader
JD 240 Loader w/73" Bucket
JD 66 Forage Blower
JD 716A Forage Box
JD 506 Rotary Cutter
JD 5½ & 7 ft. Hay Pick-up

USED EQUIPMENT
JD 24T Baler w/No. 2 Ejector
JD 2440 w/Hi-Lo, 900 Hrs.
IH 606 w/Loader
JD 1209 Mower Cond.
NH 479 Haybine
Row Crop Head 3 Row Wide
AC 600 4 Row Liquid Planter
IH 56 4 Row Dry
Grove Forage Wagon
JD Model 350 - 5 Bottom Plow
JD 3-14" plows
JD #18 Corn Picker
JD 216 Forage Box w/1065 Wagon
Hesston 1090 Haybine, 9 ft. 3 in.
JD 480 Mower-Conditioner
JD 40 Spreader w/Rear Pan
JD 65 Rear Blade, 7 ft. like new
Ford 340 Skid Steer Loader
Flatbed Utility Wagon
JD 2 Row Wide Corn Head

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TRACTORS
- Case VAC
- Case 995
- Case 430
- Case 870
- Oliver 500
- White 2-105 Tractor
- Ford 3000

LOADERS
- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 1816 B Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Int 3200 Skid Loader

TILLAGE
- Brady 13' Field Cult
- Case Disc Harrow, 10'
- Oliver 2 Bot Trailer Plows
- MF 3 Bot Plow
- Used Cultipacker

HARVESTING EQUIPMENT
- Hesston 2000 150 Harvester
- Case 600 Combine w/3-Row Head
- NI Unisystem 702 Tractor, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 767 Super Chopper
- NI 735 Cornhead
- NI 323 1-Row Corn picker
- NI 325 2 Row Corn picker
- NI 324 2 Row Corn picker
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2 row cornhead

HAY EQUIPMENT
- NI 279 Cutditioner
- JD 1209 Windrower
- IH 1190 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1090 Windrower
- Bale Thrower Wagon
- Case Hay Rake
- NI 402 Hay Rake
- NI Hay Rake
- NI 456 Round Baler

MISCELLANEOUS
- IH 400 Corn Planter 8 Row
- 4 Row Cole Planter
- 6 Used Spreaders
- NI 218 Spreader
- IH 275 Spreader
- Weaverline Cart, 24 Bushel

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• 8 USED WINDROWERS!
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4400 Gehl
Owatonna 1700
Forage Boxes:
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Kasen
Badger
NI Spreader (ground driven)
JD Forage Harvester
Brillion 14' Field Cultivator
OMC Stacker
Vicon Wheel Rakes
Vicon Hay Maker
Gehl 99 Blower
Hesston 310 SP Conditioner
5' Rotary Mower, $495
Gehl 95 Mixer

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9 shank Soil Hog $5795
3 pt. 8' Chisel $1875
Glenco:
3 pt. 5' Chisel $1095
12½' Field Cult $2395
7 shank Soil Saver $5795
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Vicon wheel rakes 4 & 5 wheel, 3 pt.; 6 wheel pull type; V style 8 wheel
Vicon Disk/Conditioner
Gehl model 1450 baler
Gehl 1850 Baler
Gehl 1250 Harvester
Gehl 99 Blowers

USED TRACTORS
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AC D14
AC 170
Ford Tractor w/Loader
Ford 801 w/Loader
MM U302
AC 7040 Cab P.D. d Trans.
AC 6060

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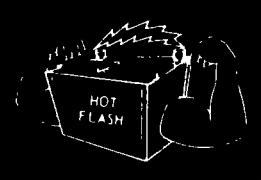

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RENTAL SPECIALS - NEW EQUIPMENT

Landoll Soil Controller 7 Shank $4500

Amco F17 Disk Harrow 12' Cutting Width $5700

USED EQUIPMENT

TRACTORS
White 4-150
Ford 3000
AC D15/Loader
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Case 1390
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat 8 Spd. 20.8x38
Case 900 w/Pulley
Case 2090 Cab
Agri Power 9000
AC-B, plow, cultivators

INDUSTRIAL LOADERS
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MF 2200 Diesel
Case 480 Gas
White Backhoe
Case 1737 Uniloader
Hough HFH

FORAGE
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Gehl 910 box/roof
Kasten Box
IH 56 Blower
Grove box
JD 3800 Harvester
Gehl RC 800 Recutter

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323 Pickers
325/327 Pickers
702 G Power Unit
702 D Power Unit
710 Combine
743 N Head
767 Harvester
738 4RN Head
272 CutDitioners
763 Head

SPREADERS
MF 205
NI 206
NI 213
NI 214
NI 218
NI 224
NH 371 Flail

MISCELLANEOUS
Martin 2000 Liquid
AC 600 4R Planter
NI 404 Rake
JD 1240 4RN
2 Row Hershey Transplanter
2 Row 3 pt. Mechanical Transplanter
Wetmore 878 Grinder Mixer
ArtsWay 420 Grinder-Mixer
JD 4 Bot. Plow
Moridge 400 Grain Dryer
P.Z. 2 Swath Tedder

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Vacuum tank Liquid Manure Spreader

1500 gal tank will load in approx 1½ minutes

2900 gal tank will load in approx 2½ minutes

1500 & 2900 gal tank spreaders designed to load and unload fast to save you time

Standard
* Large 192 CFM model M 10 MORO pump
* 6" hose inlet for fast loading
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* Moisture trap and secondary trap for pump protection
* Load level indicator and sight glass
* Heavy duty walking beam suspension on 2900 gal model

Option.
* Giant vacuum pump, 350 CFM for loading heavier liquid manure (Wally model 750)
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THE SYMBOL OF QUALITY

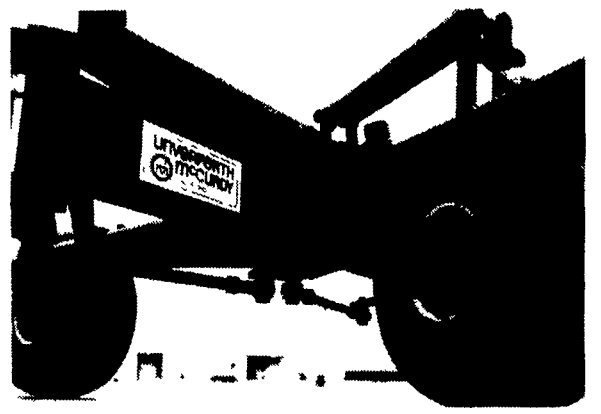
Unverferth McCurdy

When it comes to quality and high performance farm equipment, look to the symbol that others try to copy, but don't outperform.

High Performance Wagon Running GEARS

McCurdy Running Gears standard features include:

- Quick-Hitch Tongue w/adjustable length
- 6" - 8" - 10" Wheels
- Grease fittings at major pivot points



Turn Radius Wagons

Top Quality At A Price You Can Afford

SIZES IN STOCK
• 8 TON • 10 TON • 12 TON • 12 TON TANDEM • 15 TON w/BRAKES

High Performance Gravity Flow FERTILIZER BOXES

McCurdy Fertilizer Box features:
- Durable and dependable
- Heavy gauge steel construction
- Quality wheel operated door

SIZES IN STOCK
- 190 BIN
- 230 BIN
- 275 BIN
- 375 BIN

Options Available:
- 12", 15", 20" Sides
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- Canvas Cover

GO WITH THE #1...
McCurdy
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- Most Sizes In Stock For Quick Service & Availability
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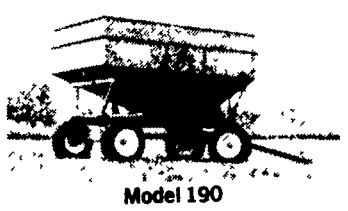
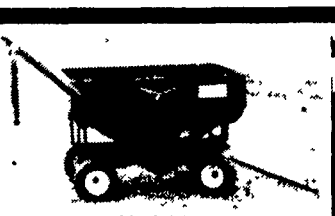
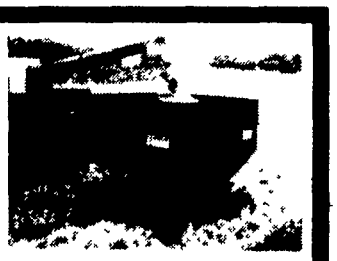
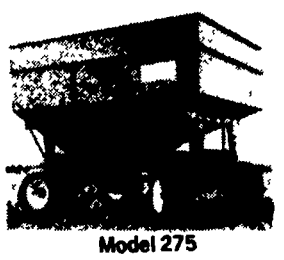


Model 190



Model 230





Model 275

Model 375
Double Door Side Dump

Grain boxes help make your material handling chores easier with convenient transport and fast unloading of grain or other free-flowing materials.

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Located ½ Mile North of Rothsville
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AC 7040D	AC 440	AC CA	IH 806	Case 1490
AC 7045D	AC XT190D	AC 5040D	IH 340	JD 450 Crawler
AC 7050D	AC 180D	AC 5050D	IH 140	Case 450
AC 7020D	AC 175D	AC D19D	JD 2010	Oliver 1650D
AC 7010D	AC 7000D	AC D14	MF 65G	

NEW & USED EQUIPMENT

New and Used Miller Discs and AC Discs
14T J.D. baler and engine
Farmhand grinder & blower
610 Bobcat Skid Loader
630 Bobcat Skid Loader
721 Bobcat Skid Loader
1000 OMC Skid Loader
371 Bobcat Skid Loader
Thomas Skid Loader
MC 600 Grain Dryer
65' 8" Transport Auger
AC L, M, F, G&A Combines
Uni Harvester 708 & 702
708 w/combine

Call Us for Special Prices on Tractors & Corn Planters

GRUMELLI FARM SERVICE

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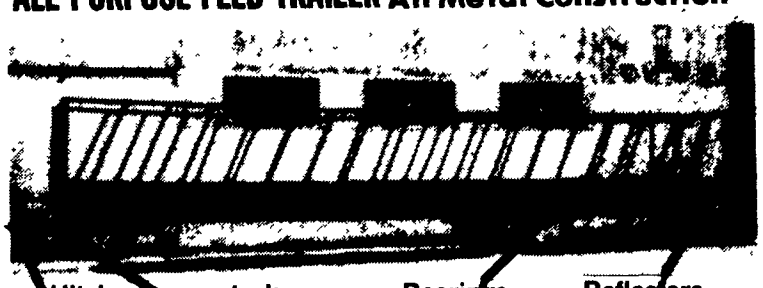
ALLIS CHALMERS

ALL PURPOSE FEED TRAILER All Metal Construction



Hitch — Slide away hitch to prevent cattle from injury

Jack — Fold up bulldog for easy hookups

Bearings — Tapered roller bearings for long lasting & easy towing

Reflectors — SMV sign for safe towing on highways

* Length 24' & 30' + hitch
* Cattle can eat out of all 4 sides
* For feeding in pasture or barnyard
* Suitable for feeding cows, heifers, steers etc.
* Ideal for feeding from bulk silo or Ag Bag
* Easy to tow behind pickup or tractor.

Priced At
24' — $695
30' — $825

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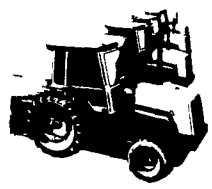

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$300,000.00 USED COMBINE INVENTORY

We have one of the largest used combine lots on the East Coast. Due to large sales on new AC Gleaner combines, we have many preowned combines in stock and ready for you. Call today & save thousands of dollars or use our low finance program.

COMBINES

JD 8820 w/950 hrs., cab, air & heat, 15' floating grain & 830 corn heads, like new!
JD 55 Special w/cab, 12' grain & 330 corn heads
JD 55 w/12' Grain & 338 corn heads.
JD 45 w/both heads
JD 45 w/grain head
Gleaner N5 w/15' floating grain & 630 corn heads.
Gleaner L2 w/cab, air/heat, 15' grain & 630 corn heads, lo hrs.
Gleaner M2 w/cab, air/heat, 15' grain & 4-row corn heads, lo hrs.
Gleaner MKS w/13' grain & 630 corn heads.
Gleaner F2 Diesel w/cab, air, 13' grain & 438 corn heads.
Gleaner KKS w/cab, 10' grain & 238 corn heads, excellent!
Gleaner CII w/13' grain & 438 corn heads.
Gleaner AII w/cab & both heads
Gleaner AII w/12' Grain head
Gleaner E w/cab & both heads
MF 300 w/11' grain & 238 corn heads.
IH 315 w/cab, grain & corn hds.
NH 975 w/11' grain & 238 corn heads.
NI Uni-System 702 w/717 combine, 4-row corn head.
NI 767 Chopper w/702, 2-row corn head & 761 Pick up.

TRACTORS

JD 4010 D w/PS
JD 4010
JD 3020 D w/cab
JD 3010 D
JD 730 Wide front end, 3 pt
JD 60
JD B
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC WD45
AC WD
Long 610 D, only 600 hrs.
IH 460 D
Farmall 400
MF 135
MM G1000 D

BALERS

NH 315 w/thrower, like new
NH 271 PTO w/chute
NH 271, wire tie, PTO
(2) IH 440, w/thrower PTO
MF 10, w/thrower, PTO
JD w/thrower
AC 443 w/chute, PTO
NH 23 Blower, PTO
NH 26 Blower, PTO
NH 30 Blower, PTO
AC 63 Blower, PTO

GRINDER/MIXERS

NH 352, 80 BU., PTO, EX!
NH 352, 80 BU., PTO, GOOD!
NH 351, 100 BU., PTO

MANURE SPREADERS

NH 676, 325 BU.
NH 516, 175 BU., 3 beater
MH 510, 160 BU.
NH 213, 140 BU.
(2) NI 218, 265 BU.
(2) NI 214, 206 BU.
NI 213, 176 BU.
Farmhand M165, 125 BU.
Badger BN 240, 180 BU.
NH 365 Tank
(2) Hawk Bilt 207 Tank

TILLAGE

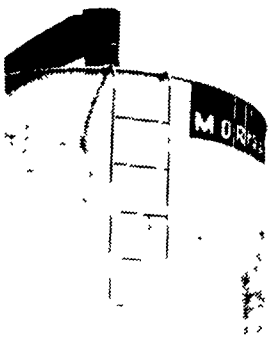
JD 13' Transport Disc
AC 2300 Disc Harrow-17' Hyd Fold up
AC 2300 Disc Harrow-15' Fold up
IH 13' Transport Disc
Oliver 6B Spring Trip Plow
AC 80 Series 4B Mtd., 3 pt. plow
Brady 10 Tooth Chisel Plow, w/gauge wheels, like new!
Vicon 14' Power Harrow, demo!
AC 600 Air Champ 4-row corn planter.
AC 600 Plate 4-row Corn planter

HAYBINES

(2) NH 469
NH 460
JD 9' Mower Conditioner
MF 81 9' Conditioner
(2) AC 904 9' Mower Conditioner
Hesston PT 10 9' Conditioner
Hesston 9' Hydro spring

LOOK..,SPECIAL OFFER
On New Moridge Grain Dryer

Model 8440, 400 Bu., Equipped with Grain Cleaner, Swinging Loader Hopper



Batch Dry High Moisture Grain at one of the Lowest Cost per Bushel figures in the industry.

Moridge Dryers offer . . .

Low Initial Investment Cost . . . It's self-contained—no additional bins to buy

Reduced Labor Costs . . . Load it, set the controls and it dries the grain

Drying at Half the Per Bushel Cost of some dryers . . . Fuel savings designed into every unit All models operate easily with 35 hp tractor

Portability, Rather Than Just Movability . . . Round base levels easily and quickly

High Quality, Fully Dried Grain . . . No mixing of wet with dry Recirculation and round bin design assure thorough drying of all grain

275 bu., 400 bu. and 700 bu. models.
Fully Qualified for ASCS Loan

One Only In Stock

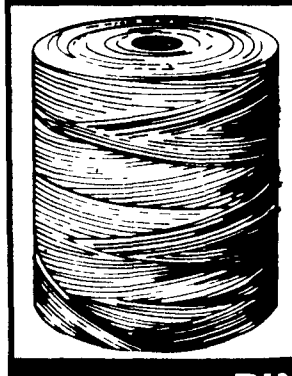
Reg. Price....$10,989

You Tow Away & Finalize Setup For Only **$8,948.00**

BRAND NEW RADIAL TRACTOR TIRE SPECIAL

- 18.4x38 8 Ply Radial — ONLY $485.00
- 20.8x38 8 Ply Radial — ONLY $575.00

All Taxes Included
Mounting Extra



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Sisal & Plastic For Round Balers

Plus USED TIRES

2 - 18.4x38 Goodyear Power Torque On Rims 85% Tread
2 - 18.4x38 Axle Duals 25% Tread
2 - 20.8x38 Rice & Cane 75% Tread

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HEAVY DUTY SPEED KING PORTABLE ELEVATORS IN STOCK!

SPEED KING

Engineered for balance one man can move and position elevator even with hopper in tilt up position

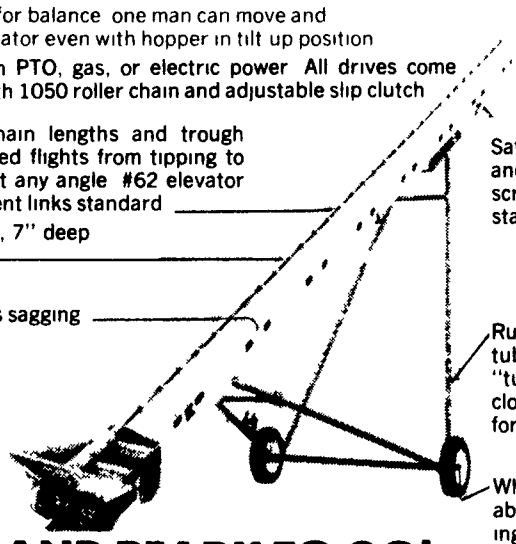
Choose from PTO, gas, or electric power All drives come standard with 1050 roller chain and adjustable slip clutch

Center location of attaching chain lengths and trough design prevent galvanized cupped flights from tipping to assure maximum material flow at any angle #62 elevator chain available with C-1 attachment links standard

Galvanized trough is 20½" wide, 7" deep for big capacity

Interlocking joint design prevents sagging

Wide optional tilt-up feed hopper (with patented design) has adjustable springs to provide balance at any elevator angle Tilts up flat over trough for transport



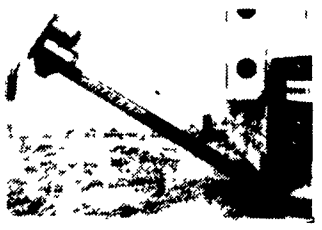
Safety features meet and/or exceed prescribed industry standards

Ruggedly constructed tubular undercarriage "tucks away" to get in close to bins and cribs for maximum reach

Wheels, with regreaseable anti-friction bearings, are set far apart for good standability

SIZES SET UP AND READY TO GO!

• 31 Foot • 36 Foot • 46 Foot



SPEED KING UTILITY AUGERS

Motor Mount, Control Sleeve, Safety Cage

- 11' long by 4" diameter . . $116.00
- 16' long by 4" diameter . . $141.50
- 12' long by 6" diameter . . . . . CALL
- 22' long by 6" diameter . . . . . CALL

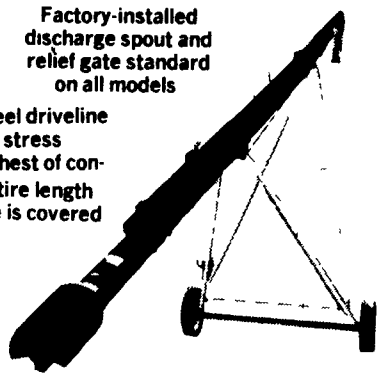
NEW SHIPMENT JUST ARRIVED

Of New Speed King Grain Auger Transports

Factory-installed discharge spout and relief gate standard on all models

Solid 1" steel driveline withstands stress under toughest of conditions Entire length of driveline is covered

Pre-lubricated, sealed gearbox assures you dependable performance



Flex tubes are available optional in 3', 5' and 8' lengths for both 6" and 8" augers. Total flexibility allows bending in any direction to funnel flow of grain into hard-to-reach places

Heavy-duty intake flighting to give added life Wire screen cage provides protection

Ruggedly constructed scissor-type undercarriage "tucks away" to get in close to bins for maximum reach. Trussed axle arms for strength and stability at any angle.

NEW SHIPMENT INCLUDES MANY NEW SIZES

Call For Your Needs

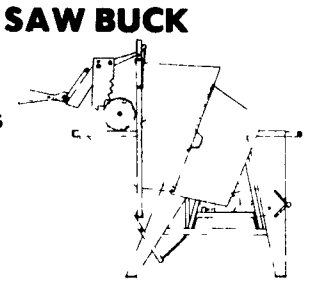
PTO DRIVE W/DOWN SPOUT AND FLEX HOPPER SET UP - READY FOR YOU!

The Best Money Can Buy -

100's of satisfied customers!

SPECIAL NEW 3 PT. HOOKUP SAW BUCK

Most Models Are Priced Over $800

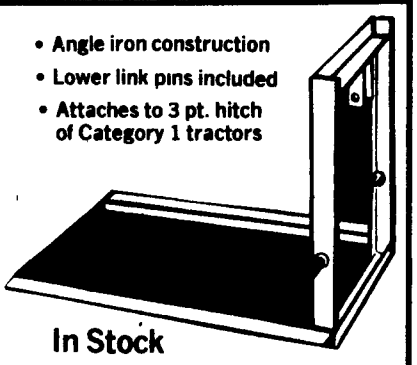


OUR PRICE ONLY $450

CATEGORY I 3 POINT LIFT

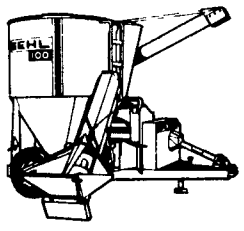
- Angle iron construction
- Lower link pins included
- Attaches to 3 pt. hitch of Category 1 tractors

SPECIAL $45.00



In Stock

SPECIAL! SPECIAL!



OUR NATION'S FARMERS #1 CHOICE

GEHL

Not Only Crop Grinding Season Is Here, But PRICE GRINDING is Here, Too!

HYDRAULIC GEHL MIX-ALLS®

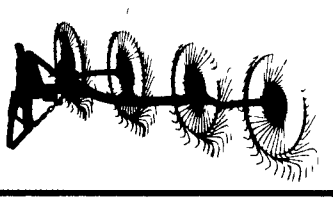
Gehl s Put Good Ideas to Work in a hydraulic grinder mixer for less maintenance easier operation The 100 bushel Mix All unloads as quickly as 3½ minutes Features include the big 21 mill with 66 reversible hammers hydraulically driven in feed attachments with infinite speed control and quick change screens for faster performance and operating convenience Stop by and see the hydraulic 100 Mix All today!

New Gehl 100 in Stock One Only

Serial #9536 At $6961.00

Special Offer On New QUALITY BUILT RAKES

NOTICE: Rake your hay, straw and corn fodder with an inexpensive, 3 pt. Wheel Rake for only $495.00

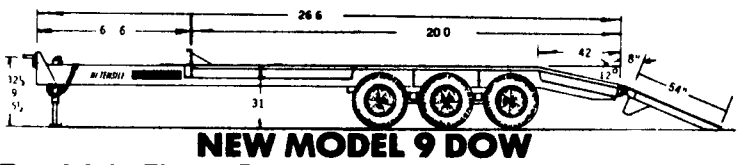


SAVE! SAVE!! SAVE!!!

On New General Eager Beaver Trailers

PRICES YOU CAN AFFORD!

NEW General Eager Beaver Trailers



NEW MODEL 9 DOW

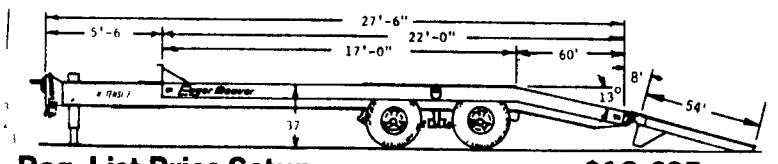
9 Ton, 3 Axle, Electric Brakes, Complete Truck Wiring Harness Kit Including Brake Control

Reg. List Price Setup... $5,500

DISCOUNT SALE OFFER ONLY $3,990

NEW MODEL HA20

20 Ton, Hi-Capacity, Air Brakes, 8.25R15 G Michelin Radial Tires



Reg. List Price Setup $12,695

DISCOUNT SALE OFFER ONLY... $8,950 Plus F.E.T.

NEW! 3 PT. Fertilizer Spreader and Seed Caster

Accurately Broadcasts All Powdered And Granular Fertilizers and Herbicides, Seeds, Salt and Sand

- Spreads up to 40 ft. swath
- Rugged all steel construction
- Epoxy finish protects against rust and corrosion
- Instant on/off

Choice of 3 Spread Patterns:
• Left • Full Rear • Right Spread

- 1M MODEL 1010 10 Bushel Size..... $329.00
- 1M MODEL 610 6 Bushel Size $284.00

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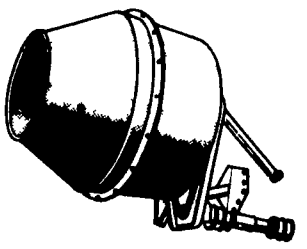
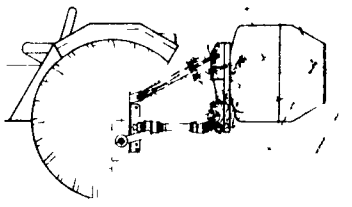


BRAND NEW 3 PT. HOOKUP CEMENT MIXER



540 PTO Drive, Mix Capacity Approx. 84.5 Gallons
Most Competitive Models Priced Well Over $800

OUR DISCOUNTED SALE PRICE ONLY $485.00

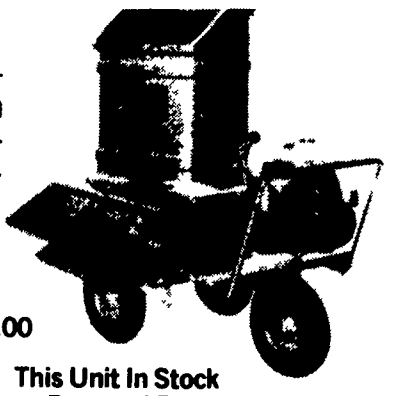
THE BETTER BEDDER

In one single operation, straw and/or hay mixtures are shepped and evenly spread beneath your livestock. Because of advanced manufacturing technics, this machine is extra-sturdy and most reliable.

BUY FOR ONLY

$1395.00 List $1525.00

In Stock! Ready To Chop!

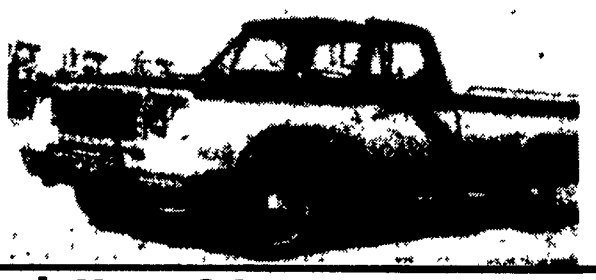


This Unit In Stock Powered By 7 HP HONDA

A BEAUTIFUL 1978 DODGE PROSPECTOR PICKUP

- 318 V8
- Automatic
- Loaded
- Rear Hitch On Truck Frame
- Less Than 54,000 Miles

$4,250

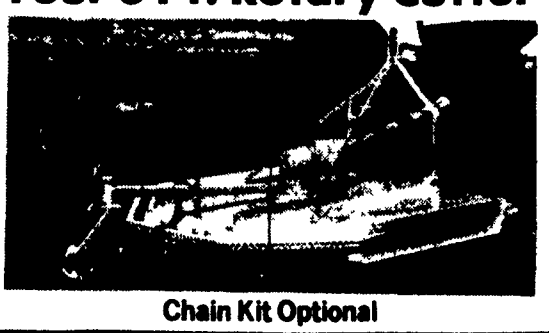


Yes! We Have In Stock Your 3 Pt. Rotary Cutter

SEVERAL DIFFERENT BRANDS AND SIZES IN STOCK

Call Now!

We May Have Just What You Need



Chain Kit Optional

FARM EQUIPMENT FARM EQUIPMENT

NOTICE TO ALL FARMERS

If you have a problem in tractors, all brands, concerning stiff hydraulic, differential, hydrostatic or wet brake system slipping, we can solve it on your farm.

Also very good on automatic transmission slipping or sticking reverse

Reasonable Rates

Must inquire to appreciate.
Will travel any distance.

F & S Service
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Dismantling Combines for parts over 285 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 503, 205, 315 & 815, NH 985, JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D (ear corn unit), combine & shellers, Case 800 & 660, 600, MM 5297.

COMBINES

AC Gleaner G w/4 row corn, $6,950
AC Gleaner C 4 row corn & 12' grain, $3950
AC 66 Pull type PTO, nice
IH 101, 10' grain.
IH 82 pull type, auger feed
MF 300 12' grain & 3 row 30' corn head
IH 91 w/grain head
IH 503 Diesel, cab and grain & corn head
Massey 70 w/10' grain
IH 203 grain head
E Gleaner, cab & 10' head
C2 Gleaner cab, grain & corn heads, motor overhauled, all new bearings on combine front to back end last fall.
IH 915 D, cab, grain & corn heads
IH 403, cab & 13' head
JD 4400, cab & head
C2 Gleaner w/2 heads
NH 985 cab with quick-tach grain head
MF 300, cab, 13' grain head, 2 row corn head, $3500
JD 6600 cab & grain head
Massey 72 w/10' grain head

TRACTORS

400 Gas Tractor
Farmall SOLD ltivator
JD 3010 gas, $2875
IH 1256 3 pt., wide front, $6500
3 Farmall H w/hyd. from $700 to $875
BN Farmall w/mower, $885
MF 2745 cab duals, 1200 hrs., $15,500
White 2-105 roll guard, $9500
Case 1370, 165 HP, as is, $6950
IH C w/SOLD tor
AC C w/side mounted mowers & cultivators w/hydraulic

MISC.

Ford rotary cutter $350
MF rotary hoe, 6 row, 3 pt.
JD roll-a-bar rake
NI 9' haybine, nice
IH Cub spreader, $300
1 & 2 row corn pickers
All steel farm dump trailer holds about 500 Du-of corn
NI 213 spreader w/new drag chain & sides, $1275
Hawk Bilt tank spreader, $575
Corn & grain heads, IH 12' off 815 combine
NH 13' grain head
JD 40 8' grain head
Gleaner K 2 row corn head
IH 227 corn head
IH 733 3 row, 30" off of 815
MF 3 row 30" for a 300 or 410
AC 720 harvester, 2 row, pick-up head
MF 13' grain for 300
AC 3 row 30" for E&K
JD #8 mower
IH 7' mower
JD 35 1 row head

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

JD 2010, 70D, 4010, IH 560 D, IH 660 D, IH F 14, 1256, 340, F30, F-20 A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60, 3010 D. AC WD, WC, D17. Oliver 70 & 77, 88, 60. Ford 8N, Ford 6000D. Case 300, SC & V.A.C., DC. AC 180, AC 190, AC C, CA, MF 1155, Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.

Dismantling 50 pickers for parts
POSITIVELY NO OUT OF STATE PERSONAL CHECKS

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case

Case 1410 Tractor 2 yrs. old, low hrs. good shape.
Case 1390 Trac. low hrs. canopy
David Brown 1212 Tractor, Low hours, Excellent Shape
Case 990 Tractor, Low hrs., A-1 shape, good price
Case 530 Tractor, Diesel, Best Offer.
705 Power Unit Diesel, Uni-System
Hesston 4600 Hydraulic Tension Conv. Baler — Will take best offer, only 1 yr. old.
OMC 540 Stacker
OMC 540 N Mover
6' Pittsburgh Disc, like new
AMCO 10' 1982 New Disc
RP 10' Disc, A1 Shape (New)
Used NI #324 2 Row Wide gathering unit, good shape.
Plus NI 702 Uni-Tractors, mow/ditioners, tractors & spreaders in stock at Good Prices.

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RD 1 Spring Mills, PA
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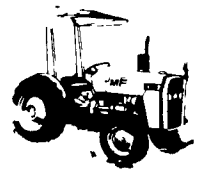
Ask for Paul



MF Massey Ferguson

TRACTORS & EQUIPMENT

MF 20 Tractor w/Loader
MF 30B Tractor w/loader & cab
MF 40 Diesel Tractor w/Loader Backhoe
AC D17 Dsl. Tractor
MF 50 Tractor w/Loader & Backhoe
Ford NAA Tractor
MF 760 Combine w/Attchs.
IH 440 Baler
NH 320 Baler w/thrower
NH 269 Baler w/thrower
NH 510 Manure Spreader
NI 213 Manure Spreader
MH 35 Combine

NEW M.F. EQUIPMENT

MF 50 F Tractor w/Loader & Cab
MF 285 Tractor
MF 245 Tractor
MF 1030 Tractor
MF 1010 Tractor
MF 20 Turf Tractor
MF 236 Loader
MF 236 Loader to fit MF 184-4 Tractor
MF #43 2B Plow
MF 820 Disc Harrow
MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades

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USED EQUIPMENT

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JD 2240 w/Loader
MF 265 Diesel
AC 190XT New Engine
IH Cub w/Mort Mower w/Plow
JD Cyclone B
Suzie Diesel w/Loader

HAY & FORAGE
IH 990 Mower Cond
Gehl 9' Mower Cond
640 JD Rake
JD 214 Baler
NH 717 w/2 Row Head
NH 707 3 pt w/2 Heads
NH 880 No Heads

CORN PLANTERS
JD 7000 Wide Row Nice
JD 7000 Narrow Row
JD 1240 Plate Planter
JD 494A Planter
IH 3 pt Planter
JD 290 Planter
JD 2 Row Plateless

TILLAGE
JD AW 12' Disk
JD RWA 10' Disk
IH 370 11'5 Disk
3 pt Ford Disk
JD 325 3 Btm Plow

Super Special
Badger 220 BU Spreader
$4895.00

NEW EQUIPMENT SPECIAL

Moore 10' No-Till Drill $10,500 00
JD 1710 Mulch Tiller $4,995 00
Taylor 7 Shank Chisel Plow $1500 00
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JD 235 19' Ford Disk $10,995 00
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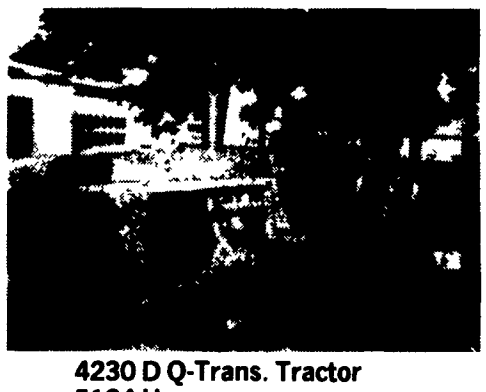

4230 D Q-Trans. Tractor
5184 Hours

2240 D Tractor
2500 Hours (1) Owner

4400 G Combine 1680 Hours
4400 D Combine 2510 Hours

800 JD Windrower
12 Ft. Platform

NEW JOHN DEERE EQUIPMENT

Pre-Season Sale

JOHN DEERE

WAIVER OF FINANCE UNTIL 1/1/85 ON TRACTORS

JD 148 Loader Mountings-(2840-2940)
JD 37 Loader 60" Bucket only
JD 75 Loader Bucket only - 53"
JD 8200 Grain Drill 18x7 Plain Drill, Gauge-o-Matic Opener, Grass Seed Att.
JD 1600 Plow 4 Bottom, Spring Reset, 18" Coulters
JD 606 Rotary Cutter 6 Ft., Slip Clutch Drive, 3 Pt. Hitch
JD 225 Disk Harrow 10'6" - Offset, 24" Blades
JD 315 Disk Harrow 12'10" - Double Off set, 24" Blades
JD 7½' Hay Pickup

INVENTORY REDUCTION SALE ON USED EQUIPMENT

1-Used IH 400 Planter, $1495
1-Used 3960 Harvester
1-Used 30" 3 Row Corn Head
1-Used IH 56 4-row Planter
1-Used 1240 Plate Planter, $795
1-Used 1240 Plateless Planter, $2000
1-JD 4230D Tractor w/4 Post Roll Guard
1-JD 2240D Tractor w/Enclosure
1-IHC "H" Tractor
1-IHC W6 Tractor
1-IH Cub Tractor w/cultivator & plow
1-Ford 8N Tractor
1-Ford 1100 D Tractor w/4 Wheel Drive
1-JD 4400 D Combine w/Grain Platform
1-JD 443 4 Row Corn Head
1-Used JD 800 Self Propelled Windrower
1-Used JD 30 Kicker
1-Used JD 14T Baler
1-Used JD 64 Blower
1-Used JD 65 Blower
1-Used JD 300 Elevator
1-Used JD 38 Harvester
1-Used JD 35 Harvester
1-Used JD 3 Row Corn Head
1-Used Hensen Cab Off 2630D Tractor
1-Used JD 2 Row 30" Corn Head
1-Used JD 1 Row Corn Head

1-Used JD 344 Corn Head for Picker
1-Used Grove 3 pt. Blade
1-Used JD 37 Loader
1-Used Farm Hand F20 Loader for 2010 Tractor
1-Used JD F125 3 & 4 Bottom Plows
1-Used JD F145 5' Bottom Plow
1-Used Lamco Forage Wagon w/Running Gear
1-Used Brillion Packer
1-Used JD 3 Section Spring Harrow
1-Used Pittsburg Disk Harrow
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1-Used FBB Drill w/Press Wheel

FARM EQUIPMENT FARM EQUIPMENT

KUHN HIGH PERFORMANCE HAY MACHINES

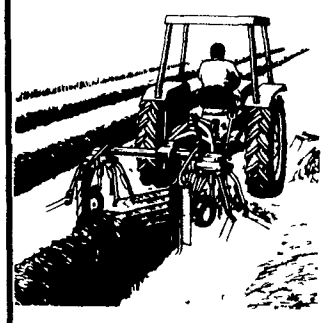
CALL FOR SPECIAL SALE PRICES ON THIS KUHN EQUIPMENT

Most Economical Gyrotedder GF22N

This two rotor Gyrotedder with a working width of (10'2") is a robust and economical machine; rotor drive through heat treated bevel gears with all necessary equipment to ensure perfect tedding.

GRS 24 Tedder/Rake

10 FT. WORKING WIDTH
In Stock Now!
Rakes Without Roping



TWO MACHINES IN ONE!

RAKING - Shift tine arms to horizontal position and lower rear deflectors for fast raking into a high loose windrow with no roping.

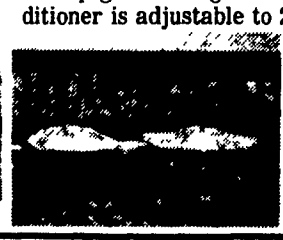
TEDDING, CONDITIONING - Set tines in vertical position to pick up and bend stems (to condition) and spread in a wide fluffy swath for faster drying. Also spreads rained-on windrows to speed drying.

Covers 10 ft. width. Operates at 5 to 7 m.p.h.

Like all Kuhn machines, GYROSTAR is built to perform and built to last.

Kuhn has engineered Mower Conditioners that cut hay up or down, wet or dry, even in toughest conditions. They operate fast, resist clogging, and condition hay thoroughly to speed drying time up to 50%. There's less chance of "rained-on hay," and the palatability is improved with a Kuhn Mower Conditioner.

Highly efficient oval disc cutting system severs crop at base and feeds it through free swinging fingers and reversible conditioning comb. A crop goes through free swinging fingers and reversible conditioning comb. A crop goes through conditioning comb, natural wax is stripped. Conditioner is adjustable to 20 positions to suit crop and weather. Adjustable swathboards provide light fluffy swaths to ensure fast drying times. Cutterbar is height-adjustable to suit terrain and incorporates blade protection features. Built tough to last!



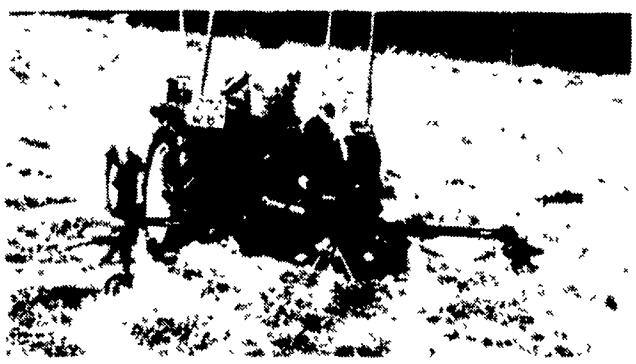
Call or write for more information.

FC250 - 5 oval cutting discs, 8' cutting and transport widths
FC300 - 6 oval cutting discs 10' cutting and transport widths

DO YOU WANT FIRST CLASS HAY IN DOUBLE QUICK TIME?

Do It With Kuhn Gyrotedders!

MODEL 440 13 FT.



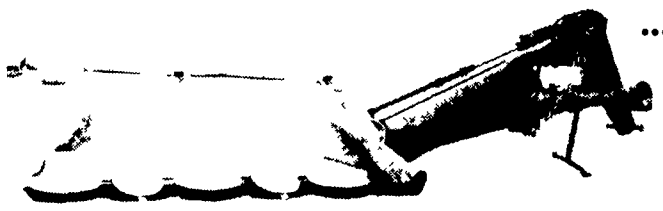
Gyrotedder GF 440:
Tedder with 4 rotors, trailed or 3-point mounted - Adjustable frame for working along hedgerows... Working width: 13' - Also available with an articulating 3-point frame for automatic towing.

MODEL 452... A Tedder That Works

17 FT., IN STOCK

Gryotedder GF 452:
Tines on gear-driven rotors mesh to crimp hay gently lift, fluff and spread hay for faster curing. Trouble-free operation. No belts or chains. Optional gearbox provides slower rotor speed to produce two light windrows. 17 ft. width. Folds to 6 ft. for transport, 3 pt. or trailing models.

Kuhn High Speed Multidisc Mower



...the world's largest-selling disc mower

GMD 55
The GMD 55 has 5 discs and allows a very fast working rate with its 2 m (6'7") cutting width. This 2m size is ideally suited for todays tractor widths allowing the tractor wheels to run each side of the swath. The cutterbar is raised through a hydraulic system.

GMD 66
With its 6 discs and 2.4 m (7'10") cutting width the GMC 66 is the largest model in the Multidisc Mower range. The dividing plate makes a clean break between cut and uncut crop while the swathboard brings the grass into a narrow fluffy swath when so desired.

Cuts Harvest Time By Half And Increases Quality

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SUPER SPECIAL OF THE MONTH
NEW AC 6080 2WD w/ROPS SUPER PRICE CALL TODAY

New 705 Gal. Cagle Sprayer w/43 Ft. Boom
New 10 Ft. AC Wheel Disc

USED EQUIPMENT

AC 7060 PS w/Cab Excellent Condition
AC 7020 PS w/o Cab Excellent Condition
AC 4 Row No-Til Corn Planters
357 Hawk Built Spreader
Elll 330 Corn Head Good Condition
Woods Mowers All Sizes
Used Spreaders

B. EQUIP. INC.

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Waynesboro, Pa. 17268
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TRACTORS

- 3159 IH 656 w/loader
- 2871 IH 1466 w/cab, new paint
- 1616 IH 1066 "black stripe"
- 5163 IH 1086 w/cab
- 5278 IH 826
- 5415 IH 544G
- 5306 J.D. 4430 w/cab
- 2845 JD 4430 w/cab, duals
- 2755 MF 1805 4WD duals
- 5410 MF 135
- 5456 Deutz 13006
- 5170 NH 775 skid steer loader

COMBINES

- NH TR 70
- 3047 JD 7720 w/4WD, chopper
- 5120 JD 7720 w/4WD, chopper
- 3053 JD 7700 w/chopper
- 3059 JD 7700 w/chopper
- 2622 JD 7700 w/chopper
- 3057 JD 7700 w/chopper
- 3058 JD 7700 w/chopper
- 5447 IH 1480
- 3180 IH 1460 w/cornhead, platform
- 2108 IH1480 reconditioned
- 3094 IH 915 w/platform

GOOD SELECTION OF CORNHEADS AND PLATFORMS

MISC. EQUIPMENT

- 5487 NH 280 Baler
- 5484 IH 2001 Loader
- 5402 N.I. Rake
- 5394 Dunham Lehr 4 Row Cultivator
- 5373 Ag-Chem 500 Gal. Poly Tank
- 5352 IH 500 Disk
- 5340 JD 230 Disk
- 5291 Rhino 20' Flex Wing Mower
- 5277 IH 55 chisel plow
- 5312 IH 295 planter units
- 5313 15' solid wheel packer
- 5314 IH 470 Disk
- 5272 Miller 14' Offset Disk
- 1550 AC 2300 disc hyd. fold 20'
- 3111 Agrotec 200 gal. 30' sprayer
- 1657 Case K23 disc harrow 24'
- 5121 Dunham-Lehr 29' crowfoot packer
- 5117 Ferguson chisel plow 13 shank
- 5419 JD 22 Shank Chisel plow
- 395 Glencoe 14' soil saver
- 2202 IH 470 disc 18'
- 2763 IH 620 tandem full press drill
- 3098 IH 5100 drill w/dual hitch
- 5006 IH 440 baler reconditioned
- 5026 IH 1190 mower conditioner
- 5152 IH 200 cultivator
- 2872 JD 7x18 double disc drill
- 5083 JD 230 disc 24'
- 5045 Krause 2143 disc 42'
- 5457 Krause 2413 Disc 23'
- 2762 MF 7x18 drill
- 1512 Miller 8500 offset disc 26'
- 1385 Sunflower G-3-20 offset disc
- 2375 Tebbin sub-soiler
- 5241 Wil-Rich 2400 MP Plow, 7 Bottom
- 5216 NH 479 Haybine
- 5164 NH 479 Haybine
- 5381 NH 479 Haybine

HOOBER EQUIPMENT, INC.

P.O. Box 107
Middletown, DE 19709
(302) 378-9555

Axial-Flow.
Even used, it's simply more productive.

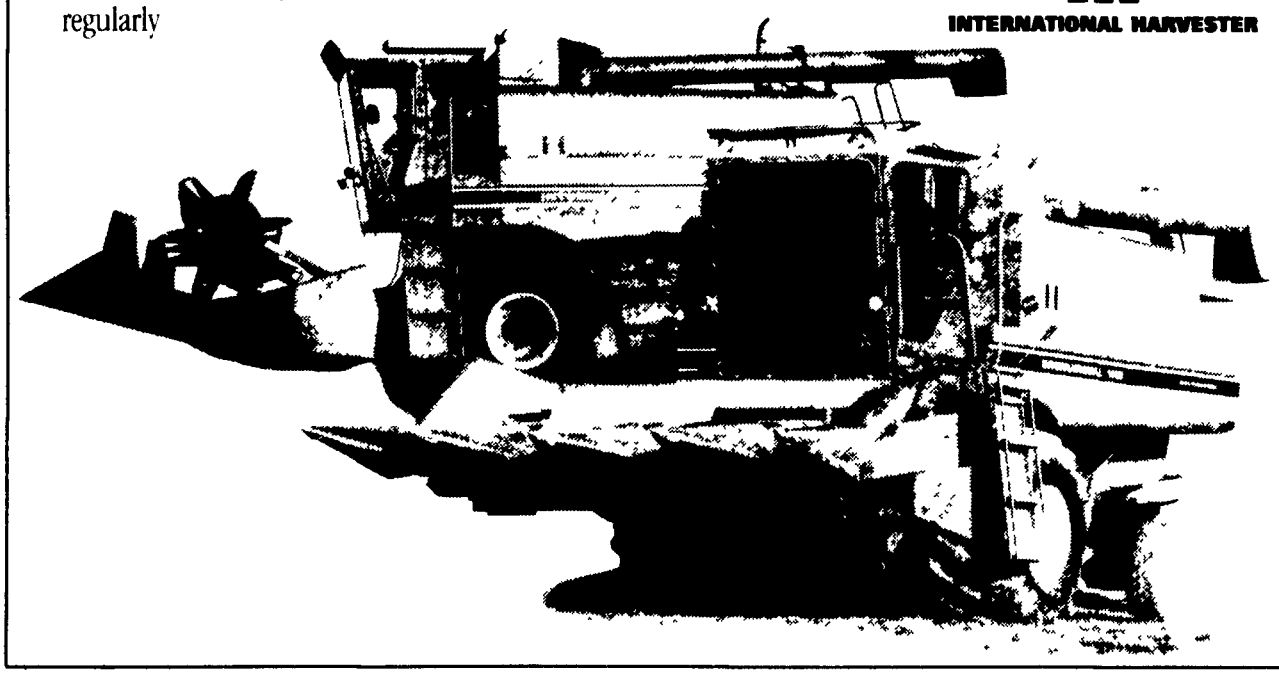
A lot of farmers know that a new International® Axial-Flow combine can improve their harvesting productivity But the same simplicity and reliability that make a new Axial-Flow perform so well in the field, also make it worth more at trade-in time

Our big single rotor threshes more efficiently than conventional machines With fewer moving parts, so there's less to wear out Plus servicing an Axial-Flow is so simple, owners tend to do it more regularly

And there's never been a better time to buy than right now If you're looking for a new Axial-Flow, remember, the same built-in reliability that makes a new machine such a good buy will also make your used machine worth even more

So stop in today. And see how much Axial-Flow productivity—new or used—can mean to you

INTERNATIONAL HARVESTER



RECONDITIONED AXIAL-FLOW COMBINES

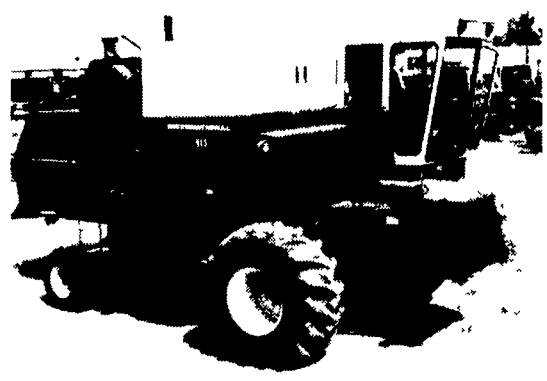
TAG #	DESCRIPTION
U7963	IH 1480 w/30.5Lx32, 18.4x16.1 Tires, 1480 Hours, Air Conditioning, Monitor, A.H.C.
U8542	IH 1480, 1482 Hours, w/67x3400x30, 18.4x16.1 Tires, Air Conditioning, Radio, Monitor, A.H.C.
U8771	IH 1460 w/67x3400x30 Tires, 1900 Hours, Air Conditioning, Grain Loss Monitor, A.H.C.
U9292	IH 1460, 2459 Hours, 28Lx26, 1100x16 Tires, Air Conditioning, Radio, A.H.C., Monitor

USED CONVENTIONAL COMBINES

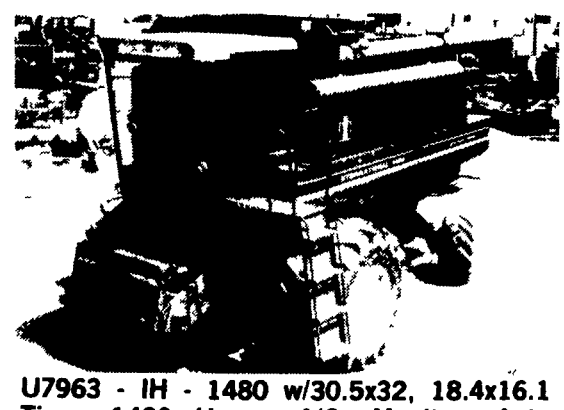
TAG #	DESCRIPTION
U7961	IH 915D
U7138	IH 915D
U7608	IH 815D
U9037	IH 715D
U7818	IH 715D
U8457	IH 715G
U8799	IH 203C
U7737	JD 6600
U7904	JD E4400G
8654	MF 750D
U7222	MF 510D Hydro.
U8742	MF 510D Gear
U8010	MF 510D Hydro.
U7158	AC Gleaner F

QUALITY USED TRACTORS

U8654 - MF - 750D 23.1x30 Tires, Hydro, A/C, 15' Flex Platform



U7961 - IH 915D, 28Lx26, 12.4x16 Tires, A/C, Monitor AHC. 1475 Hours



U7963 - IH - 1480 w/30.5x32, 18.4x16.1 Tires, 1480 Hours, A/C, Monitor, Auto Header Control

USED EQUIPMENT

TRACTORS

TAG#	DESCRIPTION
W7821	IH 4120 Skidloader
W7844	IH F450D
W8229	IH 966, 18.4x34 Tires
W8536	IH Farmall M
W8569	IH Super C, w/Cultivator, 2 Row-Mtd.
W8780	IH F450G, Fast Hitch, Belt Pulley
W8863	IH F656G Hydr., Fast Hitch
W8891	IH F986D, 18.4x38 6P Tires
W8934	IH F1206D
W8729	IH F1086D w/Rops
W8975	IH Farmall H
W8759	IH F706D w/3 Pt.
W9022	IH 1066 w/Cab
W9040	IH F1206D w/o Cab
W9064	JD 4230H
W8997	Steiger Wildcat 210 w/18.4x34 Duals
W9095	Steiger Cougar II ST300 w/23.1x34 Duals
W9124	IH 1586 20.8x38 Duals
W9189	IH F806D
W9194	IH F656G
W9260	Versatile 150 w/Loader
W9236	IH F1466 w/o Cab
W9240	IH F986
W9291	MF 1080 w/o Cab
W8379	IH 4166
W9320	IH 606D

TILLAGE

TAG#	DESCRIPTION
T6493	Glencoe SSP, 11 Shank Soilsaver
T8693	Glencoe 13 Shank Soilsaver
T8034	Deere 110 Disc, 10' w/Duals, 9" Spacing
T8166	Deere BW Disc, 10', 8.5" Spacing
T7892	IH 710 Plow, 6F, 18" Auto
T8570	IH Super-C Plow, 2F, Mounted
T8187	Tebbins 13 Shank Subsoiler, Trailing w/Wings
T9270	IH 470 18' Disk
T8857	IH 14 Subsoiler, Auto Reset
T9020	Krause 2416 Disk
T9023	JD 215, 12'5" Disk
T9065	IH 370, 10' Disk
T9074	JD 210 Disk w/Trl Hitch
T9109	Bush Hog 10' Disk
T9120	IH 4500 20' Field Cult.
T9077	Brillion 10' Packer
T9125	White 252, 18' Disk
T9139	Krause 1765 Disk
T9134	IH 760 14' Disk
T9138	IH 37 8' Disk
T9262	Krause 1578 Disk
T9155	Wil-rich 15' Field Cult.
T9184	IH 4500 16½' Vibra-Shank
T9185	Brillion 16' Wing Spring Harrow
T9287	Glencoe 9 Shank Soil Saver
T9318	JD 310 12' Disk

HELP WANTED: Accountant Bookkeeper, Accounting Experience Necessary, Farm Background Preferred. **Ph: 717-768-8231**

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

Radio Controlled Trucks For Better Service

C.B. HOOBER & SON, INC.

INTERCOURSE, PA (717)768-8231 - AUTHORIZED UPS STATION - MIDDLETOWN, DE (302)378-9555

AGRICULTURAL EQUIPMENT

FARMERS REPORT MORE PRODUCTIVITY WITH AN INTERNATIONAL AXIAL-FLOW

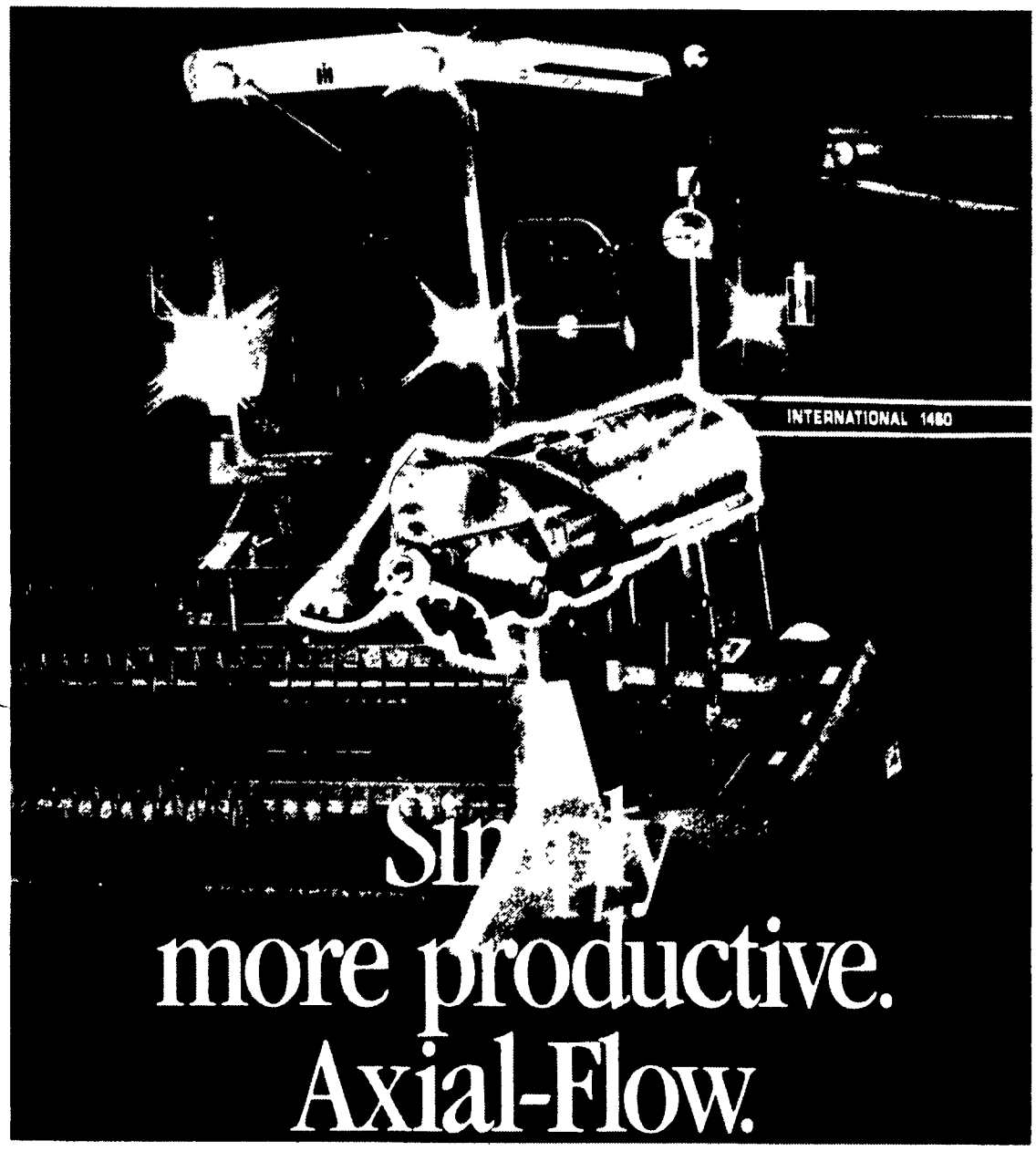
AGRICULTURAL EQUIPMENT

Get More Bushels Per Day, More Bushels Per Acre, More Dollars Per Bushel, And More Bushels Per Gallon Of Fuel.

THE FACTS ARE SIMPLE

Year after year more farmers are noticing the impressive results of International Axial-Flow Combines. When your neighbors get increased performance and productivity like outlined below, its no wonder that International Axial-Flow combines have earned the trust and admiration of farmers all over the East.

Increased Productivity Does Not Always Have To Carry A Higher Price Tag. IH Combines Are About The Same Price As Comparable Conventional Combines.



Full Season Comparison of International Axial-Flow Combine with Prior Combine of Equal Size.*

CORN/BEANS

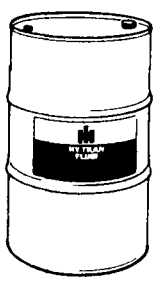
		1440 Vs. Class IV	1460 Vs. Class V	1480 Vs. Class V
More Bushels Per Day Percent increase in bushels per 10-hr day	Corn	+33%	+21%	+35%
	Beans	+26%	+18%	+26%
More Bushels Per Acre Extra bushel from less grain loss	Corn	+.63 +.91 sidehill	+.56 +.76 sidehill	+.33 +.88 sidehill
	Beans	+.65 +.85 sidehill	+.58 +.87 sidehill	+.64 +.64 sidehill
More Dollars Per Bushel Increased value per bushel from less dockage	Corn	+1.8¢	+1.75¢	+1.53¢
	Beans	+1.8¢	+1.75¢	+1.53¢
More Bushels Per Gallon Percent increase in bushels per gallon	Corn	+39%	+25%	+28%
	Beans	+31%	+22%	+24%

*More than 1600 owners of Axial-Flow combines compared the productivity of their Axial-Flow combines with their prior combines. These facts are from the more than 1000 corn/bean farmers reporting.

BUY YOUR COMBINE FROM A COMBINE DEALER

AND GET PARTS & SERVICE SUPPORT

- 3 Fulltime Combine Mechanics driving fully equipped service trucks
- Over $250,000.00 in Combine Parts Inventory & 8 Partsmen to serve you.
- Experience from starting over 60 combines in all types of crops - barley, oats, wheat, corn, beans and high-moisture corn.



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INTERNATIONAL® HY-TRAN® HYDRAULIC-TRANSMISSION FLUID

Now the best quality also has the best price! No oil or fluid anywhere can match the quality of Hy-Tran when it comes to protecting your transmission and hydraulic systems. Stock up now for the whole season!

SPECIAL PRICE! NOW ONLY $233.75

SAVE 25% OFF Reg. IH Suggested List Price

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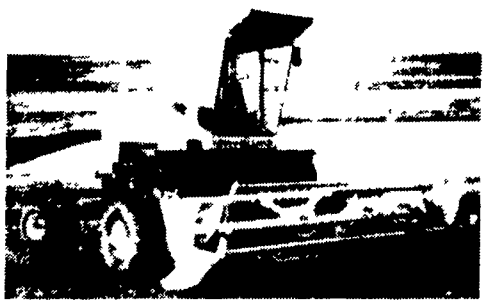

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1495 SP
HAYBINE

Priced Unbelievably Low!

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350 Strasburg Pike
Lancaster, PA
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JD 4440 - QR - New Tires
Good Condition - Sharp
$16,800

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Vicon KM 321 281 241 Fastest In The World

1 Vicon KM240		$7,885
Vicon Rake and Tedder		$675
1 Vicon V Rake		$1,695
1469 New Holland Sp.		$1,600
New Holland Rakes, Mowers		$1,075
Hesston 1091		$7,650
2 Hesston 1014 12 Ft.	$2,800	$3,300
Vicon and Hesston Round Balers		$5,900
Hesston Round Baler		$2,500
IH 80 Combine		$2,000
MF 72		$1,600
MF 510 Diesel 2 Heads		$6,500
MF 750 Diesel Hydro 2 Heads		$22,000

Largest VICON Dealer In Central Pa.

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RD 1 Lewisburg
Shop 717-524-2410
Night 524-2408

INTERNATIONAL® AGRICULTURAL EQUIPMENT

SPECIALS ON NEW EQUIPMENT

New Tractors

784 67 hp
884 72 hp
3088 80 hp
3688 113 hp
5088 135 hp

New Tillage Equipment

IH 720 5F 18" auto-plow
IH 475 12' disk harrow
IH 480 13' disk harrow w/cyl.
IH 4500 VS field cult., 12'6"
IH 5511 Chisel Plow

Planting & Seeding Equipment

IH 800 6R air planter w/liq. fert.
IH 5100 18x7 d.d. comb. drill
IH 5100 16x7 d.d. comb. drill

New Hay & Forage Equip.

IH 428 baler w/thrower
IH 435 Baler w/thrower
IH 1190 mower cond.
IH 1490 mower cond. 12'
IH 781 harv. w/2R head
IH 881 harv. w/2R head
IH 130 16' forage box w/tan 12T gear
IH 600 forage blower
IH 86 hay rake

Material Handling

IH 2250 loader w/72" bkt.
IH 1250 grinder mixer
IH 40 3 pt. blade, 8'
IH 540 spreader
IH 550 spreader
IH 560 spreader

USED TRACTORS

IH 1486 w/cab and rad tires	$24,500	IH F350 w/fast hitch (nice)	$2650
IH 1086 D w/cab	$22,500	IH C.	$1250
IH 966 D hydro w/cab	$12,500		

Waiver of finance until 9-1-84

USED HAY AND FORAGE EQUIPMENT

IH 46 w/thrower	$850	JD 34 forage harvester w/2 row head	$1500
IH 37 baler w/thrower	$1800	Lamco 16' forage box w/roof	$1850
IH 430 baler w/thrower	$2850	IH 56 forage blower	$750
NH 33 flail chopper	$950	IH 45 conv. blower	$100
IH 650 forage harv., w/hds	$1250	IH 80 pull combine	$2000

Waiver of finance until 9-1-84

USED TILLAGE

JD 1350 4F-18", HC plow w/cylinder	$2500	IH 540 4F-16" plow	$1350
IH 531 3-F 14" mtd. plow	$475	IH 550 5F 16" plow	$1250
IH 710 5F 18" auto. plow w/cyl.	$3950	IH 710 5F 16" plow w/cyl.	$2250
IH 440 3F-16" 3 pt. plow (nice)	$1250	IH 475 20' wing disk harrow w/cyl	$4950
		IH 311 3F-14" 2 pt. plow	$350

USED PLANTERS & DRILLS

IH 510 S.d. 16x7	$3500	IH 400 4 row 38"	$950
IH MF S.D. 13x7	$300	IH 400 6 R 30" Planter w/insect. and cou-till	$2750
McCon. Ont. 16x7 d.d.	$1250		
IH 56 4 row	$950	Waiver of finance until 5-1-85	

SPREADERS AND MISC.

NI 214 spreader w/hyd. endgate	$1850	5th Wheel Steer Wagon chassis w/elec. brakes and tires.	$450
Portable loading ramp (for cattle)	$200	Little Giant 38' elevator w/motor	$1250

MIFFLINBURG FARM SUPPLY, INC.
Route 45 East, Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

MF — **LEBANON VALLEY IMPLEMENT CO., INC.** — MF

9.9% APR FIXED-RATE FINANCING ON NEW MASSEY TRACTORS!

Now's the time to buy that new Massey tractor you've been needing. We've got Great MF Rates on everything from our economical 200 Series all the way up to the awesome MF 4000 Series 4-wheel drives. Just 9.9% APR* fixed-rate MF financing if you act now.

But wait! You can also choose a waiver of finance charges instead:

October 1, 1984 on most MF tractors.

*Annual Percentage Rate
Financing subject to qualifying down payment and qualifying credit

NEW AND USED TRACTORS IN STOCK

- New MF 205 compact Tractor 20 HP diesel w/3 point hitch and 540 PTO shaft . . SALE PRICE - $4,800.00
- New MF 240 34 HP Diesel 8 speed Trans. live PTO . . . . . SALE PRICE - $9,750.00
- New MF 270 55 HP Diesel 8 speed Trans. live PTO and aux. hyd. outlets . . . SALE PRICE - $13,650.00
- New MF 270 55 HP Diesel M.P. Trans. Ind. PTO dual outlet aux. hyd. . . . . SALE PRICE - $16,550.00
- New MF 274 55 HP Diesel 12 speed Trans. live PTO 4 wheel drive dual aux. hyd. . . . . SALE PRICE - $16,400.00
- New MF 670 55 HP Diesel 4 wheel drive cab with air and heater Ind. PTO dual hyd. outlets . . . . . SALE PRICE - $24,200.00
- New MF 298 78 HP diesel 12 speed M.P. Trans. 18.4x34 rear tires aux. hyd. and Ind. PTO . . . . . SALE PRICE - $18,500.00
- New MF 2640 90 HP diesel 4 wheel drive, cab with air and heater 16 speed M.P. Trans., aux. hyd. . . . . SALE PRICE - $28,500.00
- New MF 3525 105 HP 2 wheel drive cab with air and heater 16 speed M.P. Trans. . . . . SALE PRICE - $31,750.00
- New MF 3545 125 HP 2 wheel drive cab with air and heater, 16 speed M P. Trans. . . . . SALE PRICE - $36,400.00
- Used MF 275 1980 model 67 HP 550 hrs , 12 speed M.F. Ind. PTO dual outlet hyd. . . . . SALE PRICE - $14,200.00
- Used MF 30 B 45 HP Industrial Tractor with loader instant reverse Trans. with or without cab $9,800.00

PLOWS

- New MF 82 4x16 Trip bottom 3 point mounted plow . . . . . SALE PRICE - $2,600.00
- New MF 345 plow 3x16 3 point mounted hyd. reset . . . . . SALE PRICE - $2,450.00
- Used MF 880 plow 6x18 semi mounted on land hitch, good condition. . . . . SALE PRICE - $6,800.00

DISC HARROWS

- New MF 520 10 ft. cut disc 22" plain discs 6 gauge thickness regreaseable bearings 11Lx15 tires and tubes . . . . . SALE PRICE - $4,400.00
- New MF 520 12 ft. cut disc . . . . . SALE PRICE - $3,250.00
- New MF 620 12 ft. cut spring cushion regreasable bearings 22" discs new tires . . . . . SALE PRICE - $5,895.00

COMBINES IN STOCK

- New 860 with 7.9% financing
- Used 750 Diesel model year 1977 with cab and air includes grain table includes 9.9% financing and $500.00 parts certificate. . . . . SALE PRICE - $26,500.00
- New MF 1143 4 row corn heads in stock . . . . . SALE PRICE AS LOW AS - $8,100.00
- Used 510 Diesel combine, model year 1976 with cab and grain head, includes $500.00 parts certificate and 9.9% financing. . . . . SALE PRICE - $16,900.00
- Used 44 cornheads in working condition $2,000.00
- New MF 4 row cultivator 3 point tool bar . . . . . SALE PRICE - $1,200.00

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden Street Richland, PA 17087
717-866-7518

HAY & FORAGE

Wood & steel bale racks, New & Used trailer sprayers, NH 256 rake w/dolly wheel, JD 640 side rake, NH 56 rake, Gehl 900 side dump forage wagon, flail choppers, NH 38, JD 16A like new, IHC #8 very good, NI side delivery rake, NI 402 rake, NI 254 trailer mower 7', NI wheel rake, AC 6 ton running gear w/flatbed wagon, Hesston PT 7 & PT 10, 1090 mowditioners, Grimm hay tedders PTO & ground drive, NH 1005 bale wagon like new, IHC, JD, AC, NH pickup heads, 270, 272, 279 new & used cutditioners, Hesston #10 stak hand very good, Hesston #30 stak hand & stak mover. USED HAY BALERS: NH 273, 276, 269, 275, JD 24T, Hesston 4500, IHC 425- most w/throwers. USED ROUND BALERS: Hesston (2) 5800's, NH 850, NH 846 auto wrap like new. USED FORAGE HARVESTERS: Hesston 720, 2000-100, 2000-150, NH Super 717, 770 & 880. New & used bale elevators and bale movers. Used Kuhn & Fahr centipide hay tedders.

USED TRACTORS

AC 7040 w/cab, 7030 w/cab, 7000, 200 w/cab, 190XT w/cab, 160, D17 Series IV factory 3 pt. gas & diesel, D15, 170 w/loader, B, C.

FORD 4000 late model, gas, 800, 600, 8N.

MASSEY FERGUSON 175 D, 135.

JOHN DEERE 2-2030 Diesels, 4020 diesel power shift, 3020 diesel, 2640, 2440, 2510 Diesel, 2010, 530.

IHC 706, 140 w/culivator, 100 high clearance, Super A comes w/equip., 3 used Cubs w/belly mowers.

KUBOTA 225 tractor w/cab.

PLANTING & TILLAGE

New AC 4 Row corn planters, conventional or no till, Lely 10' power harrow, IH 710 4 btm. 16" semi-mount reset plow, JD 7000 planter 4 row narrow w/monitor & insecticide very good, Brillion 8' cultipacker seeder, Tye no-till seeders, Used AC 8' grain drill, JD 1240 4 row plateless planter, JD 4 row 3 point tool-bar planter - 71 units like new, IHC 710 5-16" semi-mount reset plows, IHC 700 6 btm. 16" semi-mount reset plow, New & Used trailer sprayers, Mechanical Transplanter, Glencoe 7 shank 3 pt. hitch chisel plow, AC 4 Row conventional air planter, AC, JD, Ford 2 Row 3 pt. corn planters; AC 5 btm. plow, Bush Hog 10' plowing disc, Used AC, MF, JD, IHC transport disc.

INDUSTRIAL

(2) used AC 840 articulated payloaders, one & one-half yard buckets, Case 530 tractor loader backhoe, Fayette 12 ton tag along trailer, 615 Tractor Loader, JD 440 Log Skidder, NH 775 skid steer loader, AC 715 tractor loader backhoe, demo, AC 706D forklift 14' mast, JD 24A diesel skid steer loader, Used 18 ton tilt top equipment trailer, Bobcat skid steer loader, 610 gas & diesel, 520, Gehl skid steer loader model L2500, NH 445 Deutz diesel.

MISCELLANEOUS

Century 3 pt. hitch 200 gallon sprayer, Great Bend quick tach front end loader off Farmall 826, also fits various other tractors, Pick Stone Picker, AC, MF, JD, IHC Garden Tractors w/mowers, Dunham Lehr Loaders, GMC Power Unit w/PTO Clutch, JD and IH 2 row Potato Diggers, year around cab for an AC 190 or 200, NI 206 spreader like new, NH 455 trailer mower w/9' bar.

MARSHALL MACHINERY INC.
5 Miles East of Honesdale, Pa.
NE Corner of Pennsylvania Rte 652
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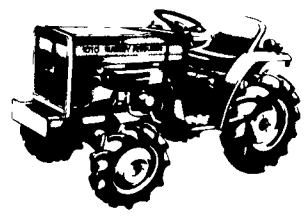
SALES & SERVICE
for AC, KUBOTA, HESSTON,
BRILLION, STARLINE, NEW IDEA



9.9% Financing

NEW EQUIPMENT IN STOCK

- MF 240 8 spd Tractor
- MF 250 Tractor
- MF 1144 Corn Head
- MF 1163 Corn Head
- MF 13' Grain Head
- MF 224 Baler
- MF 212 Bale Thrower
- MF 860 diesel Combine, Hydro
- Rakes
- Forage Wagon
- Mower Conditioners
- MF 4 Row Cultivator

Conde Vacuum Pump $1,000

USED EQUIPMENT

- MF 510 Combine
- MF 760 Combine w/6 row Corn Head & 16' Grain Table
- MF 750 Combine w/63C Corn Head & 14' Grain Table
- MF 750 Combine w/13 ft. Grain Heads
- MF 285 Diesel Tractor w/cab
- Ford 6000 Tractor
- Ford 1500, 4WD Tractor
- JD 6 Row Cultivator

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(717) 264-3533
Badger
AVCO NEW IDEA

USED TRACTORS

- IH 786 w/700 hrs
- IH 454 w/1100 hrs
- IH 826 Hydro
- IH F 656 D (Overhauled)
- IH F 706 G (Overhauled)
- IH F 656 G w/Cab (Overhauled)
- IH F 656 G Gear
- IH F 340
- IH I 504 w/NI Loader
- IH F 200
- IH Super C
- IH Super A w/Cults
- IH H
- IH M
- IH Farmall B
- IH F 450
- IH F 560 D
- IH Cub w/Cult
- MF 35 D w/Loader
- JD 620
- JD 4620
- JD 2010 G

BALERS
IH 440 w/Thrower
IH 47 w/Thrower
OMC 540 Stacker
OMC 540 M Mover
Hesston 10 Stacker
Hesston 10 Mover

BLOWERS
IH 56
NH 27
Fox 656
Fox 660
Fox 44 Table
Hussler 56
JD 66
Gehl 99
AC 48
Dion 56
Kook KB 60

COMBINES
IH 1460 700 hrs
IH 303 w/Cab
IH 715 w/Cab
IH 205

CULTIVATORS
IH 4 R Mtd 560
Case 2 R Mtd SC
Oliver Rotary Hoe 3 pt

ELEVATORS
Zimmerman 32'
Zimmerman 40
Mulky 32'

GRINDER MIXERS
IH 1250 w/Scales
IH 1150 w/Scales

HARROWS
IH 47 Disc 13'
Athens 13' Disc
Bush Hog 11' Disc
Perry 12'
JD 12'
JD WRA 13' Disc
Miller 10' Offset Disc
Nemyer 3 pt Harrow Tiller

WINDROWERS
NI 279 9'
AC 904 9'
Gehl 108 9'
IH 2 A Crusher
IH 5000 w/Cab

LOADERS
IH 2350
IH 2050 A
NI 502
NI 504
NI 506
Kwik Way (IH 284)
IH 3300 B-Skid
Hydro-Mac 10 Skid

MOWERS
IH 2 pt Sycle
IH Super A rear Mtd
JD 5 Sycle
MF Dyno Balanced
NH 46 Sycle

PICKERS
NI 324 2 RW
NI 323 1 Row
NI 330 3 RN
IH 234 Mtd
NI 314 Sheller

PLANTERS
IH 400 4 Row
IH 56 4 Row
IH 56 2 Row
Ferguson 2 RW 3 pt
JD 7000 6 Row

PLOWS
IH 710 4x16
IH 720 5x20
IH 450 3x16
Oliver 565 4x16
Oliver 3x14
IH 209 2x14
JD 345 4x16

SPRAYERS
Demco 500 gal
Johnson 300 gal
Century 300 gal
Oliver 200 gal

RAKES
NH 57 R 3 pt
Vicon Turner
Grimm PTO Tedder

FORAGE HARVESTERS
Gehl 600 2RN+P
Fox 2200 2RN+2RW
JD 38 2 RW
IH 550 2 RWN+P
IH 555 2 RW+P
Fox 1000 2 RW+P
Fox 546 2 RW+P
Fox 249 Snapper Head

BARN EQUIPMENT
Badger Barn Cleaner
Badger 24' Silo Unloader
Silo-matic 24' Silo Unloader
Silo-matic 14' Silo Unloader

MANURE SPREADERS
NI 218
NI 224
NI 213
NI 212
NH 790
Hawk Built 357
Clay 1500 Liq
Martin Scavenger 1666

UNI EQUIPMENT
708 Hydro
702 D Gear
767 Super Chopper
768 3 RWN Head
731 4 RW Head
744 N 4 RN Head
844 W 4 RW Head
770 Adapter
818 Combine
729 A Sheller

FERTILIZER SPREADERS
Lely 2500 Fert

WAGONS
IH 105 16' Forage
Gehl 912 16' Forage
AC 16' Forage
Grove 14+16' Forage
JD 115 16' Forage
16' Bale Wagon
Butler 1830 Feeder Wagon
Vandal 180 Mixer Wagon

GRAIN DRILLS
JD FBB 13x7
Tie No-Til

COMING IN . . .
IH 154 w/Mower

MELROSE FARM SERVICE
Greencastle, Pa. (Second Location) 717-597-3138

MF Massey Ferguson

M.M. WEAVER & SON, INC.
Leola, PA 17540 (717) 656-2321

Located. 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

USED COMBINES

SPECIAL MONEY-SAVING FINANCING

Buy now & finance with MF at a low 6.9% APR... or choose waiver of finance charges to Feb. 1, 1985 on selected used combines.

- 1980 #540 Diesel w/13' Grain Head, like new $26,500
- 1980 MF 760 Hydro V8 with 15 ft. Grain Table and Grain Saver $52,000
- 1978 MF 550 Hydro Diesel with 4 Wheel Drive $36,000
- 1977 MF 750 Hydro with Grain Saver $26,000
- 1977 MF 510 Hydro Diesel $17,500
- 1976 MF 750 Hydro with Grain Saver $19,500
- 1976 MF 750 Hydro with Chopper $27,000
- 1975 MF 760 Hydro V8 . . $24,000
- 1975 MF 750 Hydro $22,000
- 1975 JD 3300 Diesel with 13 ft. Grain & 2 Row Corn Head $17,500
- JD 343 Corn Head 3 Row 30" . . . . . $ 3,000
- 1975 MF 510 Diesel . . $17,000
- 1975 MF 760 Hydro V8 . . $24,000
- 1974 MF 760 Hydro 6 Cyl. $22,000
- 1973 MF 750 Gear Drive with Grain Saver . . $24,000
- 1973 MF 760 Hydro 6 Cyl. $21,500
- 1972 MF 510 Diesel Gear Drive . . . . . $ 9,500
- 1972 MF 510 Diesel Gear Drive . . . $10,500
- 1972 MF 300 Gas . . . . $ 8,500
- 1972 MF 510 Diesel Gear Drive $12,500
- 1971 MF 410 Diesel . . . $ 7,500
- 1971 MF 410 Gas . . . . $ 7,500
- 1971 MF 510 Diesel $12,500
- 1970 MF 510 Diesel . . . $10,500
- 1970 MF 510 Diesel . $12,500
- 1969 MF 510 Diesel . . . $11,500
- 1968 MF 510 Diesel . . $ 8,000
- 1968 MF 510 Diesel Hydro $12,500
- 1968 MF 410 Gas . . . . . $ 5,000
- 1967 MF 410 Diesel . . . $ 5,000
- 1966 MF 410 Gas . . . . $ 2,500
- 1966 MF 300 Gas . . $ 3,500
- 1966 MF 510 Gas with Floating Cutter Bar . . . . . $ 4,800
- 1965 MF 410 Diesel . $ 4,500
- 1974 MF 300 Gas . . $ 8,700
- 1964 AC CII Gleaner with Corn & Grain Head . . . . $ 4,500
- 1960 AC A Gleaner . $ 1,500
- JD 45 with Corn Head. . $ 1,500
- IH 303 with Grain & Corn Head . . $ 1,500
- MH 82 with 10 ft Grain Head . . . $ 1,200

Above Combines Include Grain Tables Less Corn Heads 61 Corn Heads in 2, 4, 6 and 8 Row Size

- New Idea 2 Row 30" Pull Type Picker Sheller . . . . . $ 5,500

USED TRACTORS

- MF 4880 . . . . . $55,000
- MF 1100 Diesel . . . . . $ 5,500
- MF 1130 . . . . . $ 5,900
- MF 1150 . . . . . $ 6,500
- MF 255 w/Loader . . . . . $ 8,500
- MF 175 Diesel . . . . . $ 5,500
- MH Pony Cultivator & Plow . . . . . $ 2,000
- Farmall M . . . . . $ 1,800
- Leylend 384 70 HP . . . . $ 4,500

NEW EQUIPMENT IN STOCK

- Amco 12' & 18' Discs
- Century Sprayer
- York Blades
- Farmhand Rake
- Glenco Field Cultivator
- Dunham Cultimulcher
- MF auto reset 3 pt. 3x16" plow - special price $2,500

USED EQUIPMENT

- NH 10' Offset Disc. . . $ 4,200
- Glenco 9 tooth soil saver. $ 6,700
- MF 55 2 way plow . . $ 700
- White 216 plow . . . . $ 575
- Oliver grain drill
- Miller 10' offset disc . . . . $ 2,000
- Kewanee 18' hydraulic wing disc . . . . . $ 3,200
- NH 707 harvester . . . . . $ 1,400
- JD 1 row corn binder . . $ 600
- Fella hay tedder. . . . . $ 1,200
- JD 8' disc. . . . . $ 400
- Stanhay seed planter . . . $ 800
- MF 345 416 spring trip plow . . . . . $ 1,700
- MF 82 416 spring trip plow . . . . . $ 600
- MF 3 pt. fork lift. . . . . $ 700
- MF 730 offset 13' disc. . . $ 3,500
- Ontario 16 grain & fertilizer drill . . . . . $ 900

FARM EQUIPMENT

8 TON WAGON GEARS

6"x15" Rims 5 Ft. Tongue
Price $430.00
Also With 8"x15" Rims
Price $440.00
5'-7' Adjustable Tongue $25 extra

AARON M. WENGER
Box 752 R.D. #3
New Holland, PA 17557
717-656-9876

USED COMBINES

Waiver of Interest till January 1, 1985

- '73 JD 7700, hydrostatic drive, turbo, 16' platform
- '75 JD 7700 - Rotary Screen, 16' Platform
- '76 JD 7700 Rotary Screen, gear drive, 15 ft. platform
- '80 JD 7720 4 wheel drive, 220 flex cutterbar
- '81 JD 7720 4 wheel drive, 220 flex cutterbar
- '81 JD 8820 4 wheel drive, factory duals, 1100 hrs., with 220 flex cutter bar and 1243 corn head. Excellent Shape
- '74 JD 6600 gear drive w/15' cutter bar
- '79 JD 7720 4 WD 1400 hrs. 220 flex cutter bar
- '76 JD 6600 hydrostatic drive w/216 flex cutter bar
- Allis Chalmers Model G Gleaner

CORN HEADS

Good Selection of John Deere
443-444-643-644-843-1243 Cornheads

USED TRACTORS

Waiver of Interest until July 1, 1984

- '77 JD 8430 w/dual 20.8x34 tires, 3 pt. hitch, PTO, 3 outlets
- '69 Oliver 1850
- '77 JD 4630 cab, air, heat, dual 20.8x38 tires, 2135 hrs.

- '79 Steiger ST 210 Series 3, 4WD with dual 18.4x34 tires, 3 pt. hitch, 1336 hrs. Reduced to $28,500.

CORN PLANTERS

- JD 7000 630 conservation planter w/no till coulters, dry fertilizer, auger fill monitor, insect. attachment

USED PLOWS

- JD F145-5-16 Semi Plow w/Harrow attachment

JD 125 Skid loader, diesel engine, utility bucket
List $18,900 Special Price $13,850

MISCELLANEOUS EQUIP.

- JD 210 14' disc harrow
- 1 Brillion 23' folding packer, crow foot wheels
- Graber 26' flex pull-type chisel plow
- 1 Brillion 4 row cultivator w/heavy spring shanks
- JD 653 row crop bean head, like new
- Bish head adapter to install JD corn head on NH TR70 combine
- JD 38 Harvester w/2 RW Head
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- (1) Brillion 15½ ft. field cultivator w/Midwest Harrow
- John Blue 300 gal. trailer sprayer w/hydraulic pump

W.N. COOPER & SON, INC.
Morgnec Rd. Rt. 291
Chestertown, MD
301-778-3464

Quality Used Equipment

John Deere design dependability and dealers make the difference

- **TRACTORS**
JD 8430 PTO, 3 pt.
JD 4[SOLD] w/Cab, excellent condition
JD 2640 D
JD 1530 D w/145 Loader
Ford [SOLD] Gas, PS

- **HAY & FORAGE**
JD 3800 Forg. Harv. w/ 2 RW Corn Head

- **PLANTERS**
AC 4 row 330 Mon., Insec.
JD 7000 6 RN, No-Til, Dry Fert., Auger Fill

- **COMBINES**
JD 7700 Hydro., Rotary Screen 2500 hrs.
JD 15 ft. Rigid Platform
JD 16 ft. Rigid Platform
JD 444 Corn Head

- **TILLAGE**
JD 210 Disk 12'10"
Ford 24' Disk
Brillion 12' Chisel Plow
JD 27 Flail Shredder

- **LAWN & GARDEN**
GE Electric
JD 66 Rider
JD 100 8 h.p.
AC 420 20 h.p.
AC 410 10 h.p.

—Cooper Ent., Inc.—

"We Cater To All Farmers, Big or Small"
CECILTON, MD

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(301) 648-5416
(301) 755-6608

Evenings Call
Gary (301) 885-2248
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Eckroth Bros. Farm Equipment

RD 2 Box 24A
New Ringgold, PA 17960
717-943-2131
7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

Int. 205 w/grain head & corn head
Waiver to 1-1-85

USED TRACTORS

JD [SOLD] AC WD

Ford TW-10 no cab, Ford 5000 w/Q.A. Loader w/1340 hrs.

USED CORN PLANTERS
(1) Int. 400 Cyclo, 4-Row w/insecticide

USED GRAIN DRILLS
1 Ontario

NEW GEHL EQUIPMENT
G806 8 ton running gear
960 Forage Box w/roof
1540 Forage Blower

HAY EQUIPMENT
Used Deutz-Fahr Tedder-4 star
1190 9 ft. Mower Conditioner

In Stock New Deutz-Fahr Hay Tedders
2, 4 & 6 Star Machines

WENGER'S IS E-X-P-A-N-D-I-N-G TO SERVE YOU BETTER

Used Parts — East Coast's Largest

(100) COMBINES - DISMANTLING FOR PARTS

JD 7700-6600-4400-3300-95-55-45-40-12A
IH 815-615-315-403-303-203-205-105-101-93-91 141-127-64-76
MF 760-510-410-300-92-72-35-26-Clipper
Gleaner CII-EIII-A-E-60
Uni 705-704-702-701-717-710-Etc.
Case 960-660-600
NH 975-985
MM 4296-Oliver 525-535
Over 100 Corn & Grain Heads For Salvage

(100) HARVESTERS - DISMANTLING FOR PARTS

JD 38-35-34-12-8-6
IH 650-550-55-59-350-16-15
Fox 2200-2000-1000-546-FA
NH 880-818-800-S717-717-616
Gehl 600-300-188-84-83
Case 300
Ford & Papec

PICKERS - DISMANTLING FOR PARTS

NI 331-311-305-10-7-323
JD 237-227
IH 2MHD-2MH-2ME
Ford Blue 1 Row & 2 Row
Woods

SPREADERS — CORNPLANTERS — HAY CRUSHERS — BLOWERS — CORN SHELLERS — CULTIVATORS — PLOWS — CULTIPACKERS — CULTIMULCHER — DRILLS — RAKES — SICKLE — MOWERS — NI 7' & 9' CUT DITIONERS

HAYBINES - DISMANTLING FOR PARTS

IH 225-201
JD 480
NH 490-460
Hesston PT10
OMC 29-25
Case 950

CONSTRUCTION - DISMANTLING FOR PARTS

AC HD3, HD4, HD5, HD6, I600
Case 310, 320, 530, 580, 680, 580B
Cat D2 5U
Cat D4 7U
Cat 933 11A
Cat 955H 60A
Cat 977 20A
Ford 4500
IH TD6, TD9, TD14A, T6
IH 340, 100C, 125C, 175C, 500
IH 350, 3444, 3400, 3600
JD 40, 420, 430, 440, 350, 450, 1010
JD 540, 540B Skidders
JD 544B Loader
JD 300, 400, 500
Oliver HG, OC3

(50) BALERS - DISMANTLING FOR PARTS

JD 336-214T-24T-14T
NH 280-271--269-78-69-68-67-66-77
IH 57-47-37-27-55-45
Oliver 720
MF10
AC 303
Case 230

FARM TRACTORS DISMANTLING FOR PARTS (Over 2000)

AC: 220-210-200-D21-190XT-190-D19-D17-D15-D14-D12-D10-WD45-WD-WC-G-CA-C-B-Etc.
Case: 970-770-1030-930-830-730-630-530-430-800 Series-700 Series-600 Series-500 Series-400 Series-300 Series-200 Series-DC-SC-VAC-LA-990-880-Etc.
Ford: 9600-9000-8000-7000-6000-5000-4000-3000-2000-900-800-700-600-NAA-Major-Dextra-8N-9N-Etc.
IH: 1466-1066-856-756-666-656-1206-806-706-606-660-574-454-464-444-560-460-544-504-424-404-450-400-B414-B275-350-300-240-230-200-140-130-100-Super A-Cub-154 LowBoy-Super C-A-B-BN-C-H-M-MD-MTA-W4-W6-W9-Etc.
JD: 4430-5020-4020-3020-2020-1020-2520-5010-4010-3010-2010-2510-1010- 435-830-730-630-530-430-820-720-620-520-420-80-70-60-50-40-MT-M-R-G-A-B-H-Etc.
MF: 1130-1100-180-175-165-150-135-Super 90-85-65-50-40-35-30-20-Etc.
Long: 560-460-445-360-350-Etc.
MM: G1000-670-302-445-335-5 Star-4 Star-3 Star-2-UB-U-Etc.
MH: 444-44-33-101-30-22-Junior-Pony-Etc.
Oliver: 1950-1850-1755-1750-1650-1550-1450-1250-1800-1600-880-770-660-99-70-60-88-77-66-550-55-Etc.

PARTS CALLS TAKEN 7:30 AM to 5:00 PM WEEKDAYS
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Phone 717-866-2135 (Please, No Calls After Hours)
PROMPT SHIPMENT — CASH SALES ONLY

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PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

FINANCING AVAILABLE WITH 20% DOWN - UP TO 5 YEARS

JOHN DEERE TRACTORS

4020D Powershift-As Is $4900
4020D w/Duals $6800
4020D-Powershift-Console $6400
4020D-As Is $4600
4230-4 WD-Cab-Quad-Excellent . . . $16,800
4430-4 post-20.8x38-1975 . . . . . $7900
4430-4 post-20.8x38-1975 . . . . . $7600
730D-Try-3 pt.-Direct Ele. $3500
4520 - Nice $8800
330-Utility-Clean-3 pt. $5850
1020 Utility-3 pt.-Nice $4950

FARMALL TRACTORS

1466-Cab-Air-Nice $10,800
1066 . . . . . Coming in
560D-FH-WF-Nice $3500
Cub w/Cultivator $1650
340-Try-PS-FH-Nice. $2950
404-Utility-3 pt.-Nice $2950
B414-PS-Utility-3 pt. $2950

OTHER TRACTORS

Case 1070 w/Cab. $5200
Ford 9600 w/Cab-As Is. $5500
Case 830D-WF-3 pt. $4800
MF 30 w/Loader . . . . . Coming in
AC D19D-WF $3500
Oliver 1800D-WF-3 pt. $3900
MF 1130D-As Is $4500
Long 560-4 WD-w/Loader $6800
Ferguson 30 . . . . . $1650
MF 65 w/Loader . . . . . Coming in

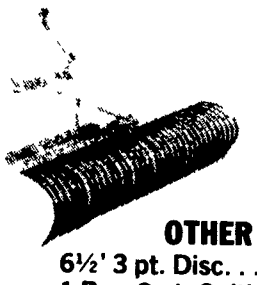
NEW TRACTORS

Mitsubishi Bison 4 WD
Case 1190
Long 310 4 WD w/Loader
Long 360-4 WD
Long 460-4 WD

SPECIAL PRICES ON ALL NEW EQUIPMENT

ROTARY MOWERS

4' 3 pt. . . . $385
5' 3 pt. . . . $395
6' 3 pt. . . . $645
7' 3 pt . . $1295
4' pull . . . $545
5' pull . . . $595
6' pull $795
7' pull . . . $1495
5' 3 pt. Estate-Hd . . $1295
6' 3 pt Estate-Hd $1395

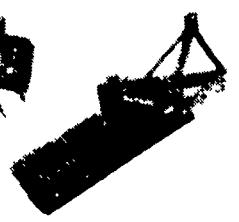


3 PT. ROTOVATORS

55" HD. $1295
60" $1095
72" $1395
88" $1695
MORE SIZES AVAILABLE

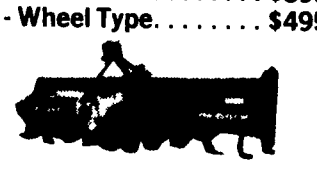
OTHER NEW BARGAINS

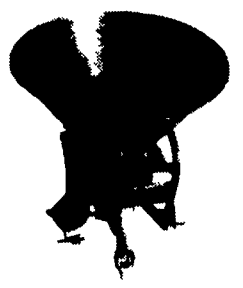
6½' 3 pt. Disc. $495
1 Row 3 pt. Cultivator $95
3 pt. Potato Plow $95
3 pt. Boom Pole $79
3 pt. Boom Pole - HD $179
12" 3 pt. Post Hole Digger. $495
9 Tooth 3 pt. Chisel Plow $495
3 pt. PTO Woodsaws $450
3 pt. Seeders $395
2 Axle 4 Ton Trailers $1450
1200 Bushel Corn Crib $895
3 pt. Hay Rakes - Wheel Type. $495



3 PT. SCRAPERS, ETC.

6' Blade $175
7' Blade $195
8' Heavy Duty Blade $595
6' Landscape Box. . . $495
7' Landscape Box. . . $595
6' Stone Rake $495
7' Stone Rake $550
8' Stone Rake $595





NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
844N Cornhead
743N Cornhead
725 & 735 3x30 Cornheads
High Moisture Throat
766 Pickup Head
Extra Grain Heads

CLEAN COMBINES

MF 510 Diesel QT
JD 45 SB
Oliver 525
Gleaner G

GRAINHEADS

25 on stock to fit most Makes and Models

WAGONS

Feeder Rack w/Gear
(3) Metal Bale Throw Racks
(3) Flat Bed Wagons
Gehl Forage Wagon

CORNPLANTERS

IH 400 4X No Til
IH 2X Fast Hitch
Ford 6X Pull
JD 1240 Plateless
JD 246 - 3 pt.

SPRING TOOTH HARROWS

JD 8' Drag | 12' 3 pt.
11' Drag

FLAIL CHOPPERS

NH 36

CHISEL PLOWS

9 Tooth 3 pt.
Landoll 10' Mulch-Chisel
11 Tooth 3 pt
12 Tooth 3 pt
7 Tooth 3 pt.
10 Tooth 3 pt.
5 Tooth V Chisel
Taylor Subsoiler

MOWERS

NH 451 Sickle
Oliver 3 pt. Sickle
Brillion 7' 3 pt. Flail
Mott 4' Pull w/Engine
Bush Hog 13' Rotary
Imco 6' Pull Rotary
IH 27 Semi Sickle
Modern 7' Pull Rotary
MF 3 pt. Sickle
JD 38 Sickle
(4) Ford 3 pt. Sickle
Mott 3 pt. 6' Flail
Woods 42" For Cub
JD 6' 3 pt. Flail
JD 5' 3 pt. Rotary

MISC. EQUIP.

JD Tedder
IH Cub Snow Plow
(3) NH PTO Bale Thrower
2X Pull Transplanter
4X Pull Stalk Chopper
Toro Thatcher & Vacuum Combo
Lely Pull Fertilizer Spreader
IH Super A Side Dresser
IH Cub Side Dresser
IH Cub Fast Hitch Attach.
Kuhn PTO Tedder
Lely Roterra
Clay 1500 Gal. Honey Wagon w/Injectors
Danuser 3 pt. Post Hole Digger
2X 3 pt. Transplanter
1X Pull Transplanter
Niemeyer PTO Tedder
Grimm Tedder
(2) Nickelson Tedder
Swartz Mixer Wagon

LOADERS

Ford Off 8N
JD Off 300
Freeman Of 880 Brown
IH 2000 Off 504
AC Off I600
IH Off 464
Davis Off 800 Ford

SHELLERS & GRINDERS

JD 43 3 pt. Sheller
MM 1200 Sheller
NI 315 Sheller Attach.
NI 314 Sheller Attach.
NI Super Sheller Attach.
NI 317 Grinder Attach.
NI 318 Grinder Attach.
IH 234 Sheller Attach.

CULTIPACKERS

Brillion 14' w/Transport
9' Sprocket Packer
Brillion 12' Mulcher
Brillion 10' Packer
Brillion 12' Packer
Brillion 16' w/Transport

TRUCKS

1974 Ford Single Axle Diesel Tractor . $6300
1970 Ford 900 Single Axle Construction Dump $7700
1977 Chevy Pickup $2250
1947 Ford Fire Truck $2950
1976 Ford Louisville Diesel w/24' Rollback . $22,500
1982 Ford Pickup $6950
1981 Chevy Pickup $6950

HAYBINES

NH 488 | NH 478

POTATO EQUIP.

Oliver 1X PTO Digger
Iron Age 2X Planter

PLOWS

JD 1350 5x16 Semi
JD 3x16 3 pt. Trip
(2) JD 2x16 3 pt. Trip
PITTS. 1x12" 3 pt
Ford 2x3 pt. Trip
JD 1X Reset Add On
AC 3X SC
MF 3x16 Rollover
Oliver 2X 3 pt.

FIELD CULTIVATORS

IH 12' 3 pt.
JD 12' 3 pt.
JD 18' 3 pt.
Glenco 13' 3 pt.

ROLLBARS & CABS

Case 1070 Cab
IH 2 Post w/Roof
JD 2 Post w/Roof
JD 4020 Cab
DB 1200 Cab
Ford 9600 Cab w/Air
Case 1030 Cab

HARVESTER HEADS

NH 2x30 for 717 or770
NH 1X for 717 or 770
NI 1X Snapper for 717 or 770
NH 717 or 770 Pickup Attach
NH 2x30 Snapper for 880 or 890
NH 3x30 for 880 or 890
NH 818 Pickup Head
JD 243 Snapper Head
JD 3x30 Chopper Hd.
Fox Pickup Head
Fox 2x30 Cornhead
NH Cutterbar for 717 or 770
NH 3x40 Chopper Head
Fox 2x30 Snapper Head
NH 890 Cutterbar
Fox 2x40 Snapper Head
Fox 3x30 Snapper Head
IH 2x30 for 50-550-650 etc.
IH Pickup Heads for 50 to 650
IH Sickle Bar for 50 to 650
IH Pickup for 15-16-350
NH 2x30 for 880 or 890
JD 2x30 for 38
JD Pickup for 38

SPREADERS

NH Tandem Axle
IH Cub
NI 217

DISC'S

Kewanee Rock Flex
JD KBA 28 Transport
IH 10' Transport
JD KBA 28 Drag

HARVESTERS

NH 890 | NH 880
JD 38

BALERS

NH 315 w/Thrower
NH 77
Ford 530

CULTIVATORS

IH 2X for "C"
IH 4X 3 pt.
JD RM4-4X 3 pt
IH Cub 1X
IH 2X For H or M
JD 2X For H
JD 2X For 420
2X 3 pt
IH Super "A"
IH 468 4X Front Mtd
Pittsburg 6X 3 pt

CABS FOR THE FOLLOWING COMBINES:

IH 815, 615, 315, 403, 303, 203
JD 4400, 3300, 55, 45
MF 760, 510, 410, 300
AC C II, E
Case 660 | NI 701, 702
NH 975 | Oliver 535

COMBINE CORNHEADS NARROW ROW

AC A330, FL330, LM430, G430, C II 430, C630, G630
JD 313, 334, 434, 435, 343, 643, 443
IH 329, 429, 733, 743, 833
MF 321, 33, 43, 63
NH 4x30, 4x30 QT
Oliver 3x30, 4x30, 703N, 704N
Case 3x30

COMBINE CORNHEADS WIDE ROW

AC E240, E III 240, KL238, A240, C440, G440
JD 205, 210, 234, 235, 334, 434, 244, 344, 444
IH 227, 228, 229, 724, 327, 429, 744, 824
MF 22, 222, 322, 422, 24, 44
NH 2x40, 4x40 QT
Oliver 2x40, 3x40, 4x40
Case 2x40, 4x40

CONSTRUCTION EQUIPMENT

NEW 1984 TRAILERS ON SPECIAL

• 2 Axle, 4 Ton, 14 Ft. $1395

BACKHOES

Ford 4500 $9600
Ford 5500 . $12,800
IH 260A . $14,900
IH 3414 . $6900
Ford 800. . . $5600
IH 3514 . $6600
Case 580C $21,700
Case 580C $20,600
Case 580C . $19,800
Case 580C $18,400
IH 3500 $8800

OFF ROAD ROCK DUMPS

(4) Mack 25 Ton Rock Trucks From . . $38,600
(3) Mack 20 Ton Rock Trucks. . $84,700

FORKLIFTS

Int 7000-21' . . . $10,700
Int 4500B-21' . $12,600
4000 lb., Solid Tires, Side Shift. $2800

SKID STEER LOADERS

OMC 1700 Diesel . . $6400
IH 4150 Diesel . $8300
Melroe 720. $7200
Case 1737 $5700
Gehl - As Is $1900
Melroe 731D . $7800
Case 1740D . $6200

CRAWLER LOADERS

JD 350B w/Backhoe. . . $16,600
Cat 977L . . . $64,800
IH 125E. $23,700
Cat 941 w/4 in 1 bkt. $23,700
Cat 941 - $19,800

RUBBER TIRED LOADERS

OMC 770. . . . $16,300
Ford A62 . . . . $26,200
AC 605B $27,600
Case W20 . . $28,300
AC 4WD $6900
AC 840 . . . . $18,700
Case W14 . $21,100
AC 840 . . $19,400

DOZERS

JD 350C 6 Way $18,600
JD 430 . $4800
Cat D8H $24,700
Cat R2 . . $2600
IH TD7E 6 Way 1977 $19,600
Cat D4C $12,700
IH TD6-62 Series $5900
IH T6 $3400
Case 350B-6 Way-1979 $18,200
Case 350B-6 Way $18,600

LOG SKIDDERS

JD Log Loader $4300
JD 540A. $9600
JD 540B . . $24,700
JD 540A $11,800
JD 440A $8800
Clark 666B w/Grapple . $17,700
JD 540 . . . . . $9600
JD 440A . $8400
JD 440B . . $12,400

TRACTORS WITH LOADERS

IH 2400 . $7600
Ford 4400 . $6400
JD 301A . $6700
Long 560 4WD $6800

BACKHOE ATTACHMENTS

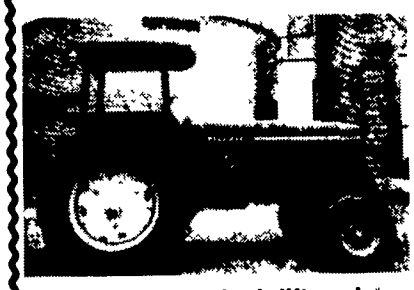
JD - Ford - IH - Case- AC - Long-

TRAILERS

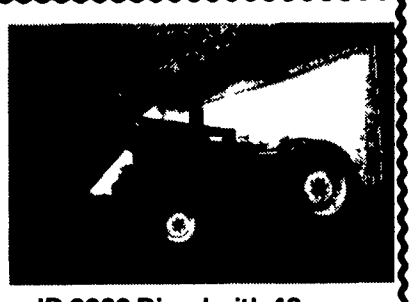
1984 3X 18 Ton $6800
1984 2X 4 Ton $1395
1984 3X 9 Ton . $4400
1984 2X 12 Ton $5800
1983 2x6 Ton . . $3600
1977 10 Ton 5th Wheel . . . $3900
(2) 1979 Strick 40' Flats $6900
1977 Phelan 40 Ton Low Boy $14,600
1980 12 Ton Tilt Top. . . . $6100
1973 6 Ton Tag-A-Long. $1800
1977, 1½ ton $400

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

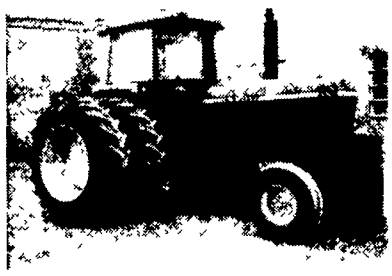
FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT



JD 4230 - dual hyd.-lift assist - field ready -$9800.

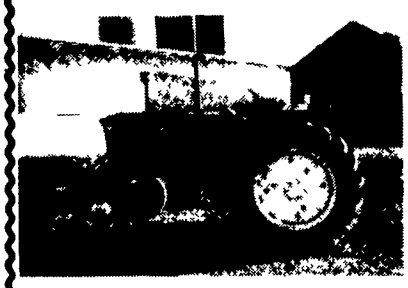


JD 2020 Diesel with 48 loader new clutch and paint - nice outfit - $6900

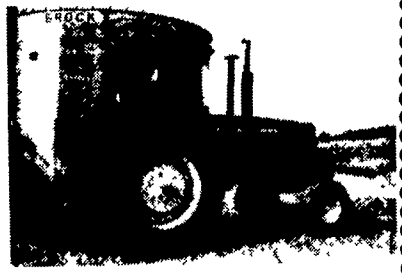


JD 4430 cab - new tires - duals - wts. - low hours - like new - $14,900

Just Arrived
JD 2040, Late Model,
Only 700 Hrs.
Like New
$8900



JD 3010 Diesel - overhauled - new paint - dual hyd. - perfect - $5900.



JD 4440 - cab - QR - wts. - new 20-38 tires - extra sharp - $22,500

717-264-1154

USED EQUIPMENT

HAY EQUIPMENT

N.H. 320 Baler w/Thrower
I.H. #37 Baler w/Thrower
N.H. 479 Haybine (nice)
N.H. 489 Haybine
I.H. 1190 Haybine (1 yr. old)
(2) I.H. SOLD Haybines
N.H. 1010 Au SOLD ic Bale Wagon
N.H. #70 Bale Thrower for 320 (Used 2 Seasons)
N.H. 495 Haybine
Hesston 10?5 (12 ft. Hydro Swing Hay SOLD e)
N.I. 456 Round Baler

COMBINES

MF 510 Com SOLD e w/13 ft. Grain, (1143) 4 Row Corn Head
Gleaner KKS Combine (1976) w/10 ft. Grain Head
MF 300 Combine w/Cab & 10 ft. Grain Head
AC-330 C SOLD ead (nice)
AC 238 (2 Row) Corn Head
MF QT24 (2 Row) Corn Head
AC A430 4 Row Narrow Corn Head
M.H. 82 Combine w/ 12 ft. Header

FORAGE

N.H. #8 Forage Box w/234 Running Gear (Like New)
N.H. #707 Forage Harvester w/Pickup & Corn Head
IH 650 Forage Harvester w/Pickup & 2 Row Wide Head
Brady 722 Flail Chopper
N.H. #3 SOLD Chopper
N.H. Super 23 Forage Blower
N.I. 324 w/12 Row Husking Bed (2 Row Wide Picker)

USED UNI EQUIPMENT

705D Uni Tractor Fully Wgted. w/Cab
702D Uni Tractor w/Cab
702 Gas Uni Tractor w/Cab
702 Gas Uni Tractor w/o Cab
767 Uni Super Chopper
760 Uni Chopper
(4) 766 Uni Pickup Heads
(2) 762-Uni (2 Row) Chopper Heads
774 Uni 4 Row Narrow Chopper Head
737 Uni Husker (Like New)
843 N (3 Row Narrow) Stripper Head
724 (3 Row Wide) Stripper Head
717 Combine w/13 ft. Grain Head
729A Sheller
713S 13 ft. Flex Grain Head

MANURE SPREADERS

N.H. 519 Spreader w/2 Beaters
N.I. 218 Spreader w/Hyd. Endgate
N.I. 214/216 Spreader w/Flail Att. and Hyd. Endgate
N.H. 365 Tank Spreader L.H. (with like new chains & flails)
Hawk Built 257 Tank Spreader
Starline (Galv.) Tank Spreader
Hawk Built 187 Tank Spreader
N.H. 518 Spreader w/2B

MISC.

N.H. 357 Grinder Mixer (nice)

USED TRACTORS

AC 7020 P.S. w/Cab & Air
I.H. 300 w/Torque

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TRACTORS

AC 7060 PS
AC 7040
AC 7030
AC 5040 w/loader
AC 6060 w/loader, 4 wheel
AC 190
AC WC
Case 970
Case 930
JD B
IH 656H
David Brown 1212
Case 2390
Kubota B8200
Ford 9 N w/Loader

COMBINES

AC CII w/2 Hds.
AC F330 Corn Hd.
AC G440 Corn Hd.
NH TR70 w/960 & 962W4
NH TR70 w/13' Flex Hd. & 962N6
NH 970 Gr. Hd.

LAWN & GARDEN

AC B-10
AC B 208
Simplicity 728
Jacobsen GT-10
Hesston H180
AC HB 212
AC 808
Ford Riding

SPREADERS

Badger 230 Tank Liquid
Badger 325 Tank w/pump
NH 365 Tank flail
NH 791 Box
Lely fertz

BALERS

MF 12 w/thrower
Hesston 4600
NH 845 Round
NH 276 w/thrower
NH 278 w/58 Thrower
NH 846 Round
Ford Baler

MOWER CONDITIONERS

(2) NH 1495 SP
Case 955 Windrower
Hesston 1014 Windrower Hydro S.
Hesston 620 Windrower S.P.
NH 489
IH 990

MOWERS

(2) NH 462 Disc
NH 450
JD Side Mt
Bushhog Batwing
Bushhog 7' 3 pt.
JD 25A Flail
Woods RM48

WAGONS

(3) NH #8 Crop
Hesston 30A Stacker
NH 1010 Bale

PLANTERS

AC 600 4R
AC 7R Bean

FORAGE EQUIPMENT

FQ SD7655 w/4R Corn & 4R snapper
FQ 7600 w/R W, 4R N & WPU
Hesston FA-7 Hd
NH 822 C Hd
NH 770R2
NH 919 A4
NH 890 EN2
NH 890N3
NH 89 SOLD
NH 880 WPU
NH 880R2
NH 1895 3RN & WPU

MISCELLANEOUS

AC 5 Btm 18" Plow
NI 324 Super Sheller
Brillion STS10 Transp. Harrow
NH Straw Chopper
Brillion 10 ft. Cultipacker
Lely Rotara
Badger Elevator
Kubota 1102 Engine
Kubota EA600NB Engine
BerVac S-60 Snowblower
NH 354 Grinder Mixer
NH 358 Grinder Mixer
Moore Grain Drill No til
NH 85 Bale Handler round
Wisconsin TFD Engine
Badger Blower

LOADERS

JD 2010 Crawler Dozer
Mitey M SOLD
(2) NH 425
NH 445 w/Deutz Diesel
NH L775
Case 680

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NH #311 PTO Baler, hitch and chute		$7120
NH #256 Steel Tine Rake		$2145
NH #256 Rubber Tine Rake		$2300
NH #456 Mower		$2470
NH #30 Blower		$2865
NH #28 Blower		$2915
NH #718 Harvester (1 only) Rental		$5600
NH #782 Harvester, manual controls		$9350
NH #782 Harvester, electric controls		$9890
NH #770W Pickup Head		$1925
NH #8 Forage Box, 3 btr. and roof w/234 wagon and 13:50 tires, adjustable tongue		$7240
NH 363 Tank Spreader		$4295
NH 519 Spreader, 11:20 Tires		$4725
NH #425 Skid Loader 60" bucket, 10:50 Tires		$12,675
Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow		$5275
Pittsburgh 12' Field Cultivator, 1 only		$1295
Butler Nesseth Trail Manure Pump (Rental)		$4550
Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs.		$6200
Dunham 3 Bar 8 Tooth Chisel Plow Spring Loader 32" Shanks		$1695

PLUS MORE EQUIPMENT IN STOCK - CALL TODAY

• SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY EQUIPMENT TILL SEPT. 1, 1984 & FORAGE EQUIPMENT TILL SEPT. 1, 1984 OR SPREADERS AND GRINDERS TILL OCT. 1, 1984

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DEALER FOR

AMCO | Glencoe | BUTLER | Livestock Systems | TERRE HILL SILOS | HUTCHMASTER | CENTURY

USED EQUIPMENT

NH 479 Haybine
7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
NH 315 Baler
NH 273 Baler
NH #28 Blower
NH 770 R2 Corn Head
NH 717 N2 Corn Head
NH 717 Pickup Head
Bush Hog 5' Rotary Mower
Case 4B Plow
NH 258 Rake

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CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE

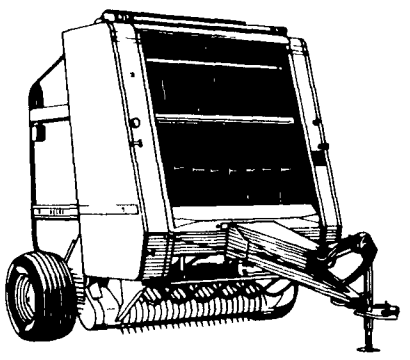
JOHN DEERE ROUND BALER DEMONSTRATION

PLACE: MOSES BEILER FARM-WILLOW STREET, PA.
DIRECTIONS: Corner Route 222-Beaver Valley Pike across from Willow Street Diner.
TIME: 1-4 PM.
DATE: July 9 or 10 (Depending on crop condition.)
CALL: LANDIS BROS. INC. SALES OFFICE 291-1046 to verify baling day.

See for yourself how automatic the John Deere 430 Round Baler is to operate. Roll up an even bale as the electronic Bale-Trak monitor helps guide your driving pattern over the windrow.

Also, see and operate the the John Deere 337 Square Baler with 30 Bale Ejector.

JOHN DEERE CO. PERSONNEL ON HAND!



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Our Good Prices Become Great Deals
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Buy a reliable used tractor or combine from us and you'll get a fair price . . . and a special bonus.

Used Tractors. Buy any make or model used agricultural tractor from our selection and put it to work right away . . . but pay no interest charges until July 1 if you finance with John Deere.* You get the benefit of added power and productivity interest-free from now until July.

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USED JOHN DEERE 7720 DSL COMBINE

4 yrs old 1450 hrs cab w/air heat AM FM radio auto HHC low shaft mon straw spd w/215 flex plat 643 corn head excellent condition Finance JDFP No Finance Charges Until Jan 1 1985

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80 HP, MFWD, Cab, w/LEON H.D. Loader

Priced at $36,000

JOHN DEERE 1520 GAS TRACTOR

Live PTO

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JOHN DEERE 1530 DSL TRACTOR

Live PTO

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JOHN DEERE 4430 TRACTOR

Quad Range - 4 Post Rollguard, 20.8-34

Priced at $17,500

MF 82 SELF-PROPELLED

10 ft. Platform

2 RC Head

JOHN DEERE 4640 TRACTOR

w/SGB Air/Htr., Dual Outlets Quik-Coupler, AM-FM Radio 24.5-32 10 P Rear Tires

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Our Selection of Used Tractors

- JD 4640 Dsl. Quad, S.G. Body A/H w/Radio, Dual Outlets- Quik Coupler
- JD 2940 MFWD, Cab w/Leon HD Loader
- JD 2940 Dsl, TSS Hi-Lo Trans.
- JD 2640 w/Roll Guard and Enclosure
- JD 2440 Dsl.
- JD 4430 Q/R w/4 Post Roll Gard
- JD 1530 Dsl.
- JD 1520 Gas
- JD 3010 Dsl, Row Crop
- JD "G"
- MF 65 Dsl, Row crop
- Ford 600
- DEUTZ 6807A Dsl., Cab, MFWD, AM-FM, tape
- IHC Farmall 504 Gas, WFE

USED SPRAYERS

JD 520 Pull Type w/30' Boom
JD 535 Pull Type w/30' Boom

Owatonna 1700 Mustang Skid Loader

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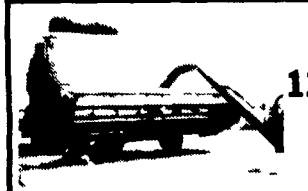
- 327 - Baler w/30 Ejector
- 337 - Baler w/30 Ejector
- 347 - Baler w/30 Ejector
- 430 - Round Baler
- 1219 - Mow/Conditioner
- 1327 Mow/Conditioner
- 660 - Side Hay Rake

USED HAY TOOLS

JD 430 Round Baler (like new)
NH 567 Baler w/Thrower - Priced at $595



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JOHN DEERE 2640 TRACTOR

Rollguard w/Weather Enclosure, Sngl. Hyd. Control, P/A 16.9-28 Tires

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DEUTZ 6807A TRACTOR

Dsl, 1981, Cab, MFWD, Radio

was $16,900

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w/3 pt. Hitch (No Top Link)

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w/WFE, Fast Hitch, Repainted

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NH L-35 Skid Steer Loader, 2 buckets, 800 hrs., $12,500
I-84 diesel row crop, 850 hours, $13,450
F 300 gas, power steering, 2 pt. hitch, $1,450
Farmall M, live hyd. & power steering, $1,850
F Super H $1,375
F-H $875
F 560 gas, As is, $2,200
F 350 gas, PS, 2 pt. $2,000
AC WD 45, $800
AC B w/cultivator $875
IH 550, 5x14 semi mount plow, $875
IH 420, 3 bottom, 16" plow $695
IH 453 cultivator, 4x38 trip shovel $850
6 ft. 3 pt. hitch disc $350
IH 37 disc, 10' with cylinder, $750
IH 412, 4 bottom 14" plow, 2 pt. semi mount $475
Ontario single disc drill, $550
JD grain drill, 13x7 single disc, $795
AC 500, 4 row planter as is, $725
IH 249, 2 row $450
JD 494-A, 4x38 $1,400
IH 1190 mower conditioner $4,125
IH 990 9' mower conditioner, $2,450
NH 270 Baler w/thrower, $1,400
IH 1190 mower conditioner $4,500
AC 303 Baler w/thrower $1,295
NH 67 baler w/thrower, $975
Hesston PT 12, 12' mower conditioner $1,200
Fox Blower, $750
IH 56 Blower, $850
IH Semi Mount hitch balance head mower, $800
MF 510 combine diesel hydro, air condition cab, quick attach header, 4x30 corn head, 13' grain platform, $20,800
JD 30 Combine, $950
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JD 2440 tractor w/high, low trans. Loaded, $900. Price of $12,500
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JD 800 Windrower w/21' head
JD 35 Harvester
JD 38 Harvester

Call about our selection of used balers, plows & planters.

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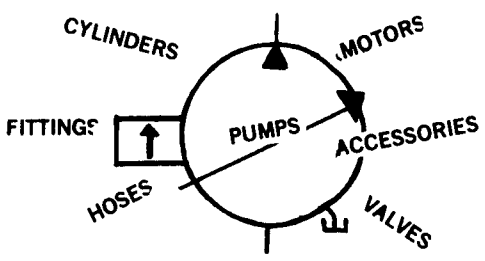

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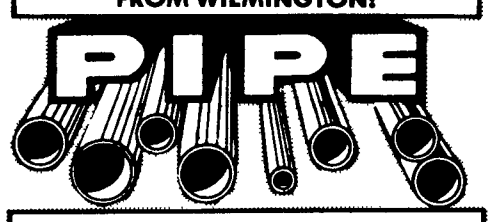

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JD 4040	JD 2640 Like New
JD 3020	JD 4040 w/Cab
AC D15	IH 1566 w/Cab
Ford 2600	JD 4640

USED COMBINES

AC M2 4 Row Head 15' Platform
AC F w/13' Platform
AC K2 2 Row Corn Head 10' Platform
AC N5 Rotary
AC N6 Rotary

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NH 513 Spreader
2 Used Manure Spreaders
10 Used Square & Round Balers
4 Used Haybines
3 Used Plows

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6-65 H.P.

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VH 4D 30 HP w/Clutch Reduction Crankstart	$1990
With Electric Start	$2100
VG 4D 37 HP w/Clutch Reduction	$2295
TJD 18.2 HP NH Baler Repl	$925
AENLD 9 HP w/Clutch Reduction	$975

(Engines in stock to fit most popular skid loaders)

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W1-145 3.5 HP	$215
EY 18-3W 4.6 HP	$250
EY27W 7.5 HP, Recoil	$355
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EY27W 7.5 HP, w/Clutch Reduction	$436
EY27W 7.5 HP w/Pump Shaft	$360
EY44W 10.5 HP, Recoil	$475
W1-390 11 HP, Recoil	$485

Honda

G100 2 HP	$199

Kawasaki

KF 24GS 2.4 HP, 2100 RPM	$199
KF 34GS 3.4 HP, 2100 RPM	$205
KF 6.5GS 6.5 HP, 2100 RPM	$335
KF 82D 8.5 HP, 4200 RPM	$370

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K 582 23 H.P. NH Skid Loader, Rep	$775
K181 8 H.P. 6-1 Reduction	$550
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PiX tone 30" Stone Picker $595
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Check Our Prices On Woods Mowers
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JD 1010
JD 2440 w/Loader
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IH 530
NH 679
Hawk Built 187

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IH 311 2 Pt.
IH 312 Plow
IH 560 Plow
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IH 5500 Chisel Plow, 7 Ft., 2 Rank
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AC 2-Way For Model B

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SP IH #91
SP MF #35
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NI 710 Uni Combine
NI 725 Cornhead
IH 743 Cornhead

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NI 325 2-Row, 30"
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IH 45 Vibra Shank, 18½'
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Bobcat 543
Bobcat 600
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IH 56 2 Row
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AC 7' Mower For Model B
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IH 440 Baler & Thrower
AC 303 Baler
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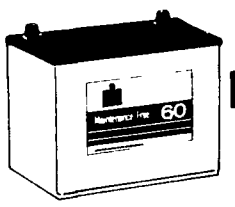

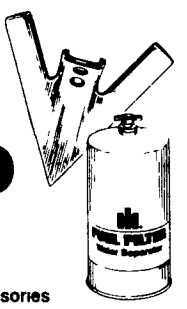

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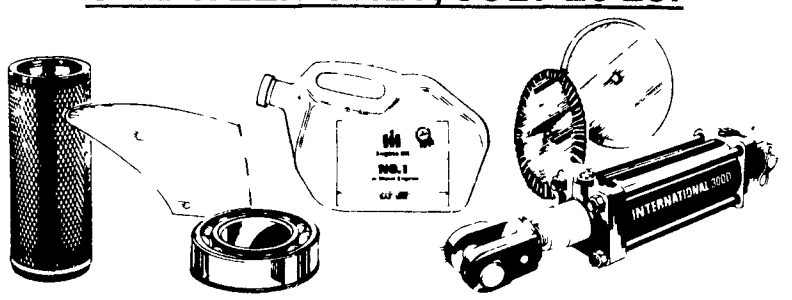

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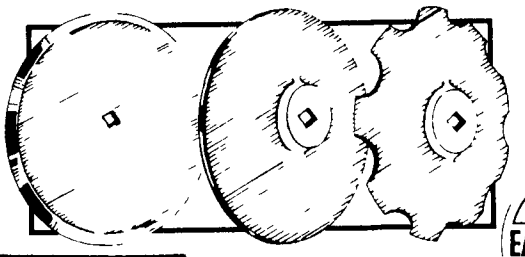

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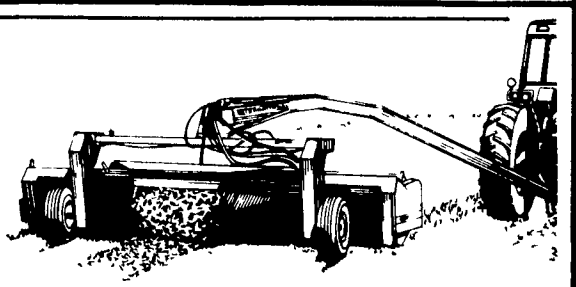

12 Ft. Cut with 9 Ft. Conditioning Rollers
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New Ag Tractors	Til 1/1/85
New Combines	Til 9/1/84
New Planters And Cultivators	Til 5/1/85
Field Cultivators & Packer Mulchers	Til 3/1/85
Hay Equipment • Extra 10% Discount For June Purchases	Til 9/1/84
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- 881 For. Harv. w/Heads
- 781 For Harv. w/Heads
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- 560 Spreader
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- (2) 963 Cornheads
- 35 Hyd. Drive Hay Rake
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12% DEMO DISCOUNT
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Farmall 400
Int. F12 w/cult
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MF TO-20 w/Turf Tires
MF 33 w/3 pt. Hitch
MF 65 Diesel w/MF Loader
MF 35 Diesel
IH 240 w/Fast Hitch
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TILLAGE:
Athens 11 Ft. Chisel Plow, 3 pt Hitch
Brillion 16' Single Packer, Like New
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JD KBA 12' Disk
JD 2500 7-Bot. On Land Auto Reset Plow
IH 37, 35 In Various Sizes
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Oliver 4-Bot. Semi-Mtd. Plow
IH 440 4-Bot. Plow
IH 645 Vibra Chisel, 13½', Trailing
IH 45 Vibra Cult., 12½', Trailing - $1,250
IH 45 Vibra Cult., 13½' Folding
AC 1-Bot. Trailing Plow
MF 520 20' Folding Disk
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IH 1000 w/38" Mower
MF 340 Snowmobile, Good Shape — $750
Dayton 10 HP w/Blade and Mower — $1050

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Gehl FBB 88 Blower
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550 IH Chopper
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1014 Hesston Mower Cond
NH 269 Baler w/o Thrower
IH 27 Baler w/Thrower
IH 420 Baler w/o Thrower
IH 440 Wire Baler w/Thrower
(2) IH No. 10 Bale Throwers
Grove Bale Wagon
5026 Elec. Wheel, 8 ton Gears
IH 25B Mower for H or M
IH Direct Cut Head For 15 or 16 Chopper
IH 40 Shredder

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McCurdy 20' Trailing Harrogator — $1,300
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IH 80 Snowblower, Like New!
(5) Cushman Golf Carts — $250 ea , in running cond.
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Athens 15' Bat Wing Mower (In Stock)

PLANTERS:
(Waiver on Gr. Drills to 5/1/85)
JD 7000 Conservation, 6 Row, Liq. Fert., Like New—Field Ready
IH 2-Row Fast Hitch
IH 2-Row Trailing
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert
4 & 6 Row Cyclos, Field Ready!
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JD Van Brunt 13x7
JD 15x7 Drill, DD, Comb
IH Fast Hitch, 2 Row Cult , Like New
IH 200, 3 pt. Hitch, 2 Row Cult., Like New
8' Brillion Packer Seeder, w/2 Boxes

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Front Mtd Forklift for 20 Series JD Tractor
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7x14 Dump Wagon w/Midwest Hoist-Real Nice!

COMBINES: (Waiver to 1/1/85)
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MH 35 SP 8' Platform, Fair Shape
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IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 844 Cornhead
IH 315, 2-Row Wide Head
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JD 4230 w/roll guard
JD 4020, power shift
JD 4020 Syncro w/cab
JD 4010
JD 2840 w/cab
JD 2640
JD 2240
JD 2630 diesel
JD 2020 diesel
JD 2510
JD 3020 Diesel, Syncro
JD 950 1000 hrs.
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IH 966, cab and air
IH 1026 hydro
IH 766 w/cab
IH 656 wide front
IH 574
IH 544 diesel
IH 560
IH 284 w/mower
Ford 9600 w/cab & duals
Ford 535 w/loader 1,000 hrs.
Ford 5000
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Ford 3000 Diesel Sharp
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AC 210 diesel
MF 1105
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David Brown 1200 w/loader

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Gehl 95
Gehl 65
IH 1150

USED COMBINES

JD 55 corn special
Oliver 525 w/2 heads, exc. cond.
NI 702 tractor w/710 combine
NI 702 w/chopper & 3 row head
JD 4400, 1979 model, sharp

USED PLANTERS

JD 7000 4 row liquid fertilizer

USED HARVESTERS

Fox 2 row snapper head
Used Moridge grain dryer
Late Model NI 702 uni tractor w/767 Super Chopper, 3 row head & pickup head
Fox 2000
Fox Custom 90
NH 770 w/2 heads

MISCELLANEOUS

JD power till grain drill
NH 278 baler
1975 Chevy Tandem w/20 ft. grain body & hoist, PS, air brakes, Detroit 653 diesel
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JD 2750 Dsl. TSS w/hi-lo
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JD 712 Mulch Tiller
JD 2600 5Bx18" Plow
JD 1250 Plow 4Bx16" — $2450.95
JD 2700 6Bx18" Plow
JD 16x10 FF Drill — $4000
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JD 4450 SG, PS, MFWD

COMBINES & HEADS
JD 215 Flex Platform
JD 643 Corn Head
JD 6620 Combine
JD 213 Flex Platform
JD 444 C. Head
JD 4420 Combine

TILLAGE EQUIPMENT
JD 2800 5B Plow
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JD 115 10' Disc
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow

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JD 7000 Cons. Pltrs. 4R & 6RN
JD 8200 18x7, 21x7 Plain Drills

HAY TOOLS
JD 1219 Mower Conditioner
JD 327, 337 Balers
NH 316 & 320 Balers
NH 499 Mower Conditioner
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NH 489 Haybine
NH 38 Crop Chopper
NH 451 Mower
NH 256 & 258 Rakes
NH 782 Harvester

USED EQUIPMENT
Oliver 1800 Dsl. Tractor
JD 1240 Planter w/Dry Fert.
Pittsburg 4 Bottom Plow
Pittsburg 12' Disk Harrow
JD 8300 Soybean Drill 16x10
IH 1440 Combine w/13' Platform & 4RW Corn Head
JD 4020 Tractor
NH 791 Manure Spreader
AC K2 Combine
JD 643 Corn Head
JD 244 Corn Head
Fox 3000 Fg. Harv.
Lely Roterra 13'6"
JD 6 Row Max Emerge Planters - 1 w/Liquid Fertilizer & 1 w/Dry Fertilizer

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JD 1065, 1075 Wagons
Century 500 Gal. Sprayer
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JD 850 w/Blade 100 hrs. ..... $ 6,000
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JD A ..... $ 1,100
IH 1486 w/Duals $19,500
IH 706 Gas, Excellent ..... $ 6,000

COMBINES

82 JD Sidehill w/15' Flex Head $69,000
78 MF 750 w/Heads $28,000
78 JD Sidehill $40,000
77 JD 6600 Sidehill w/Cornhead $29,000
68 JD 45 ..... $ 5,000
White 8900 w/Heads $29,000

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JD 4R MAX-EMERGE ..... $ 5,500
JD 4R MAX-EMERGE ..... $ 4,500
JD 1240 Plateless ..... $ 1,500
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Brillion 10' Roller Harrow ..... $ 1,100

TILLAGE

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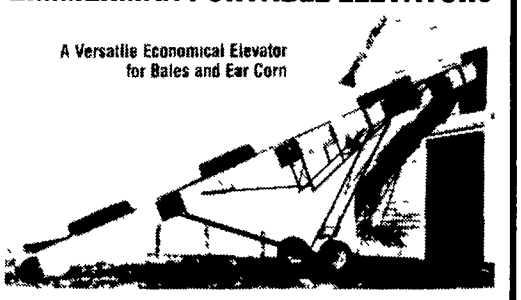

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- NH 451 Mower $1050.00
- NI 751 Hay Conditioner $350.00
- NH 455 Mower $950 00
- NI 752 Hay Conditioner . . $625 00

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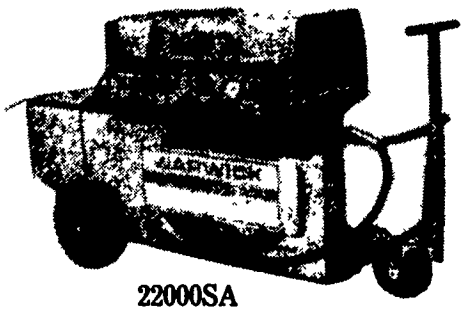

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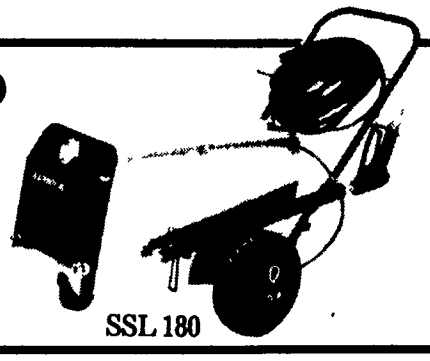

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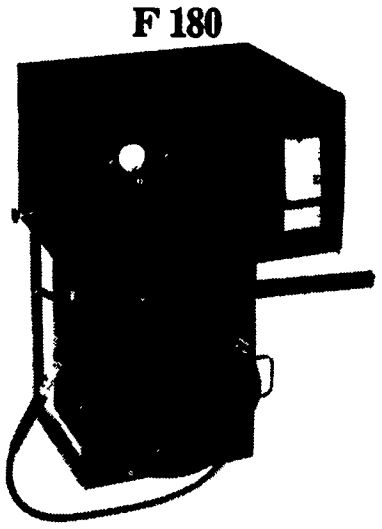

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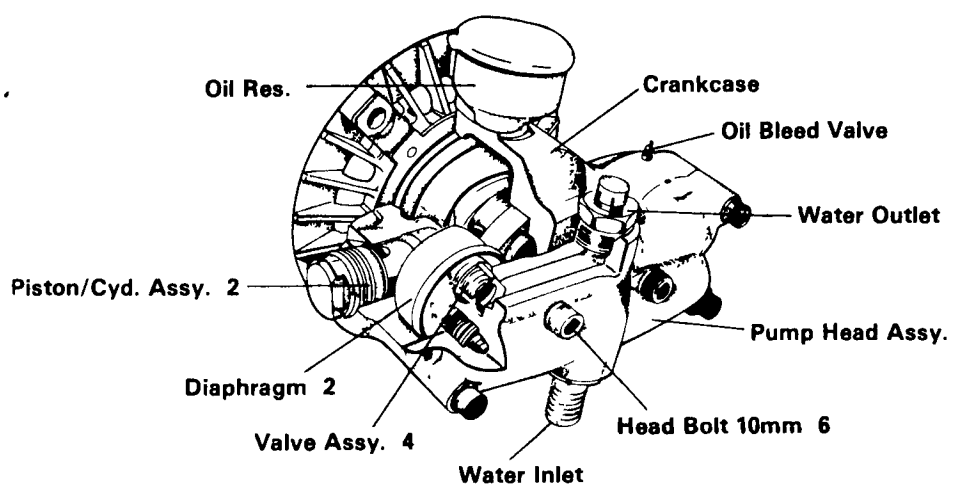
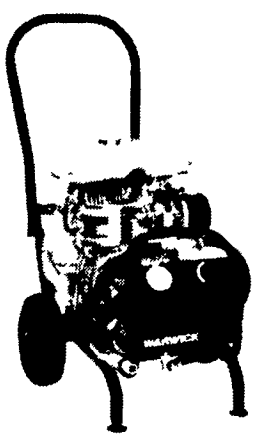
2200PSI COLD WATER WASHER

The Warwick Diaphragm Pump



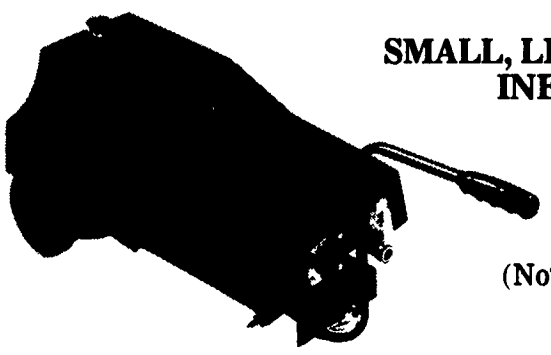
The Heart of The Machine

P 160



COMPLETELY MOBILE AND INDEPENDENT OF ELECTRICAL POWER

2400 PSI/8½ HP GASOLINE ENGINE COLD WATER WASHER



C-90
SMALL, LIGHTWEIGHT AND INEXPENSIVE

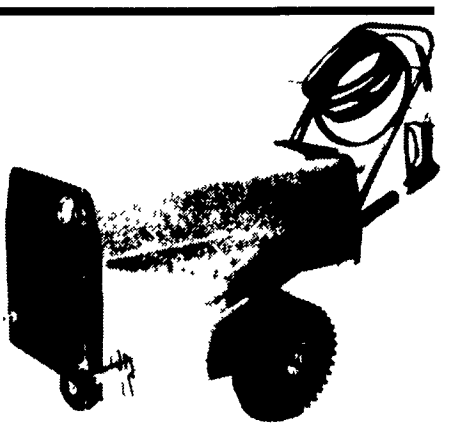
1300 PSI COLD WATER WASHER

(Note: Uses Direct Triple Piston Pump)

H-90
VERY MOBILE HOT UNIT PORTABLE EFFICIENT CLEANING

1300 PSI/HOT OR COLD WATER WASHER

(Note: Uses Direct Triple Piston Pump)



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INDUSTRIES
- General Factory Cleaning
- Buildings
- Equipment
- Vehicles

FOOD PROCESSING
- Slaughter Houses
- Plants
- Hygenic Cleaning of Equipment and Surfaces

GARAGES
- Gas Stations
- Car Lots
- Public Work Plants

TRANSPORTATION
- Trucks
- Trailers
- Trains
- Buses
- Co. Fleets

AGRICULTURE
- Farms
- Dairy Equipment
- Tractors
- Combines
- Confinement Houses

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- For the Cleaning And Maintenance Of Off-The-Road Equipment

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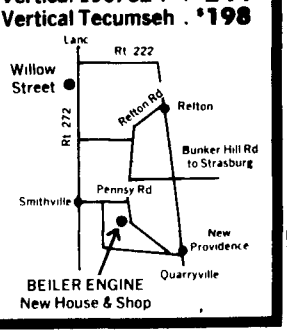

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- NH 472 Haybine $6,500
- NH 892 Harvester w/Metal Alert
- NH 824 Corn Head
- NH 880W WD Pick Up $15,825
- NH 320 Baler w/Hydro Formatic
- NH 70 Thrower $9,825
- NH 38 Crop Chopper $3,975
- NH #8 Crop Carrier w/NH 238 Wagon $6,475
- NH #8 Crop Carrier w/Wagon Box, Cover Extension Sides, Third Beater Attachment
- NH 238 Wagon $2,050

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1980 Model - Cab & Air
Less Than 650 Hrs.
CALL FOR PRICE!

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1978 Model - Cab & Air
WE WILL ACCEPT ANY REASONABLE OFFER!

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SPECIAL PRICE **$4,995**

MINNEAPOLIS-MOLINE TRACTOR
SPECIAL PRICE **$1,000**

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Cab & Air
SPECIAL PRICE **$10,900**

USED GEHL 99 BLOWER
SPECIAL PRICE **$950**

USED GEHL 99 BLOWER
1977 Model **$1,595**

USED NH L445 SKID LOADER - DIESEL
1979 Model
SPECIAL PRICE **$8,500**

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w/3rd Beater & Roof
16 Ft. Long
PRICE THIS WEEK **$5,795**

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Base Unit
PRICE THIS WEEK **$7,440**

NEW 1540 GEHL FORAGE BLOWER
One Only - 540 RPM Shaft
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MF 124 Square Baler
MF 12 Square Baler
NH 270 Square Baler w/Kicker
Int. 46 Square Baler
NH 566 Baler
Oliver 62 Square Baler
AC 442 Square Baler
NH 845 800 lb. Round Baler
NH 851 1500 lb. Round Baler
Vermeer 605-B Round Baler
Gehl 1500 lb. Round Baler
Hesston 5400 Round Baler
Int. 2400 Round Baler
Vermeer 605 C Round Baler
NH 256 Rake
NH 55 Rake
2, Ferguson 3 pt. Rakes
NH 3 pt. Rakes, like new.
2, NI Rakes.

NEW EQUIPMENT

PZ CM210 Disc Mower
PZ 16' 3 pt. Rake & tedder
PZ 12' 3 pt. Rake & Tedder
8" Hub Post Driver
6, 8, & 10 Ton Wagon Gears
16' & 18' Lamco Kicker Wagons

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Case 1830 Skid Steer Ldr.
Daves articulated skid steer ldr.
JD 1010 Dozer 6 way blade, PTO

TRACTORS

Ford 850 w/890 actual hours, like new
Int. 756 gas 3 pt. Dual hyd.
Int. 756 Diesel 2 pt. Dual hyd, nice
Farmall A
Farmall Cub 1 pt. hitch

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Ford New Holland

FORD TRACTORS
New TW 20 w/cab, 4WD, air
New 7710 w/Sycro. Trans.
New 6600
New 1510 w/Ag Tire
Used 140 5B 16" Auto Reset Plow. Ex. Cond.

SPERRY NEW HOLLAND

NEW HOLLAND
New TR70 Combine w/cab, air, heater, w/cat. engine and lots of extras
13' flotation header and cutter bar, w/hume reel
New Harvesters - 707, 718, 782
New L35 gas, L325 gas skid loaders
New 358 Grinder Mixer
New 367 Tank Type Manure Spreader
Used 975 Combine w/11' head
Used 718 Harvester w/2 heads

AVCO NEW IDEA

NEW IDEA
NI 406 rake
NI 323 one row corn pickers
NI 3 pt. Hitch Fertz. Spreader

New Glencoe 12'9" Finishing Harrow
Glencoe Soil Saver Stretch 7 Shank
Glencoe Soil Saver 5 Shank
Amco Heavy Duty 12' Disc Harrow
Used IH 550 Harvester w/Windrow PU & 2R Corn Head

TRIPLE H EQUIPMENT

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Vicon Vermeer

NEW VERMEER EQUIPMENT

(1) 605H Baler
(2) 504H Baler
(1) 504G Baler
(1) Hydraulic Drive Rock Picker
(1) 10' No-Til Grain Drill
(1) 21' Twin Rake
(1) NH 256 Bale Buster
JD Skid loader
Owatonna 540 Stack Hand

NEW VICON EQUIPMENT

(2) KM 321 Mower Conditioner 10' 6"
(1) KM 281 Mower Conditioner 9' 5"
(2) KM 240 Mower Conditioner 7' 10"
(2) CM 240 Mower 7' 10"
(3) RC 300 and 330 Tedder-Rake
(2) 16' Tedder
(3) Vicon Square Baler
(3) 600 lb. Spin Spreader
(2) Large Round Baler 1500 and 2000 lbs.
(2) Double V Rake
(4) Single 4 wheel Rake
(1) Tandem Axle 500 gal. Sprayer with Electric Controls

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New NH 495 Haybine
No Interest till
January 1, 1985

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JD 4010
JD 3020
MF 1135 w/cab & air
Ford 9N
Farmall A

NEW TRACTORS
JD 4250 SG, PS, MFWD
JD 4250 4 Post, PS
JD 2950
JD 2950, SG
JD 2950 MFWD
JD 2750
JD 2550 MFWD
JD 2350 MFWD
JD 650
JD 300B Loader & Backhoe

USED CORNPLANTERS
IH 56 4 row
JD 7000 6RN w/min. till attach.
White 5400 6RN No-Till & Plateless

USED HAY & FORAGE EQUIPMENT
JD SP 5720 Fg. Harvester, 295 hrs. 3 heads (Repossessed)
JD 5440 SP Fg. Harvester, 4 WD, 1180 hrs.
JD 1209
JD 2 Row Narrow Corn Heads
NH 2 Row W 880 Head
NH 278 & 269 Baler w/Thrower
JD 24T Baler w/Thrower
Fox 2000 Harvester w/heads
JD 336 Baler
NH 26 Blower
JD 65 Blower
JD Rake

USED MISCELLANEOUS
200 Gal. Sprayer
Post Hole Digger

NEW SPREADERS
JD 780 & 450
NH 519, 679, 791
Martin S1466 Scavenger
Martin Equalizer
H&S 295 Spreaders

NEW HAY & FORAGE EQUIPMENT
NH 782, 892, 892 w/metal Alert Fg. Harvester
JD 5720 SP Fg. Harvester w/Iron Guard
JD 3960 & 3950 Fg. Harvester
JD 327, 337, 347 Balers
JD 430 & 530 Balers
NH 316 Balers
NH 849 Round Baler
NH 489, 495, 499 & 1495 Haybines
NH 256 Rake
JD 660 Rake
H&S Fg. Wagon
H&S Bale Wagon
Kuhn Hay Tedders & Rakes
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NEW PLANTERS
JD 7000 4 & 6 Row Consv.

NEW DRILLS
JD 8250 14x7
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NEW TILLAGE
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JD 2600 4B Plow
Haybuster No-Til Drill Also for Rent

NEW SKID STEER LOADERS
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Bobcat 643, 743, 843

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bobcat SPERRY NEW HOLLAND

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REPAIRING & REBUILDING OF ALL KINDS OF DIESEL AND GASOLINE ENGINES

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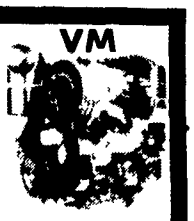

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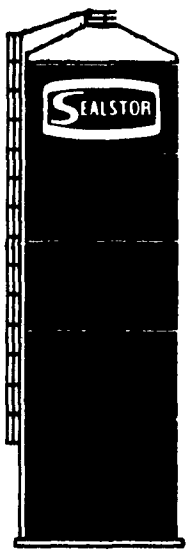

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NH 325 Skid loader
JD 2440 w/146 loader
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MF 1135 w/duals, cab & air
MF 1155 w/cab & air
IH 3200 Skid Loader
MF 550 combine w/1143 corn head
Bushhog 12' Chisel plow
418 Automatic reset plow
4 irrigation pumps
8,000 feet 6 inch irrigation pipe
6 field cultivators from 10'-24'
NI 218 Manure Spreader

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1020 tires
$225
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Wanted - Two row snapper head for John Deere harvestor Fravel Farms, Spottswood, VA. 24475. 703-377-2282.

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- ★ **N. BALERS:** JD 337 & 347; NH 311; NH 316; U. NH 283; U. NH 271 w/Thrower; U. NH 68 PTO w/No. Thrower.
- ★ **N. RAKES:** NH No. 256; NH 258.
- ★ **N. WAGONS:** NH 1003 Bale Wagon; N. Deere 716A For. Box.
- ★ **N. MOWERS:** JD & WOODS Rotary Mowers, Pull and 3 Pt.

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N. NH 782 Harv. w/Windrow & 2 Row 30" Cornhead.
N. NH 30 Blower
U. Grimm Hay Tedder, 7 Ft.
N. Deere & Woods 3 Pt. Rear Blades
N. Vicon & Lely Spreaders and Rakes
N. NH & Little Giant Bale Elevators
N. Pequea & Kuhn Hay Tedders
N. Hardi Air & Boom Sprayers
U. NH 425 Skid Steer Loader w/2 Buckets.
U. Kuhn 3 pt. Tedder Rake Combination.
N. JD, Wheelhorse, Dixon, Grasshopper and full line of N. & U. Lawn & Garden Equipment.

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U. Ford 850, 1431 hrs. w/7' Side Mount Sickle Bar Mower & 7' Snow Plow.
M. Ferg. Ind. 202 Loader, 2140 hrs., Exc. Cond.
U. JD 2020 Utility w/Wings, New Tires, Nice
U. JD 4020 Side Console Power Shift weights.

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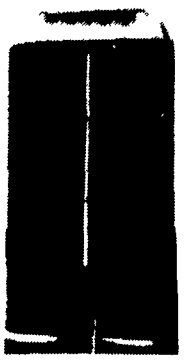

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Long incorporates the strength of corrugated steel with a protective coating of glass fused to steel to produce the lowest cost glass lined oxygen limiting storage system for high moisture grain Breather bags and choice of bottom unloader with tapered power driven sweep auger or standard 6 auger unloader with clean out sweep arm complete this system

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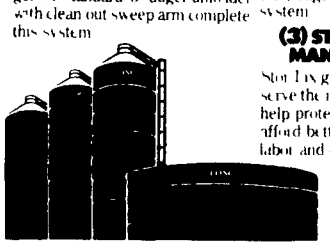
(3) STOR-LOX® LIQUID MANURE STORAGE
Stor Lox glass lined tanks help preserve the nutrient value of manure help protect the environment and afford better management of time labor and equipment



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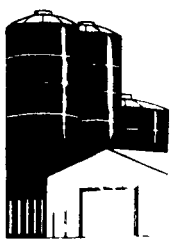

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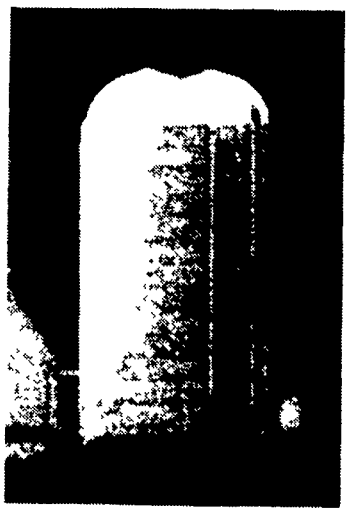

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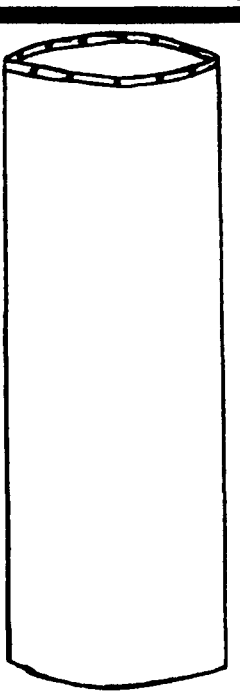

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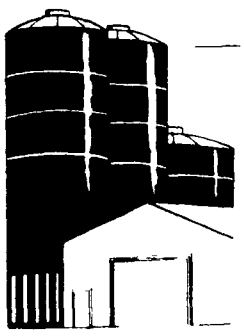

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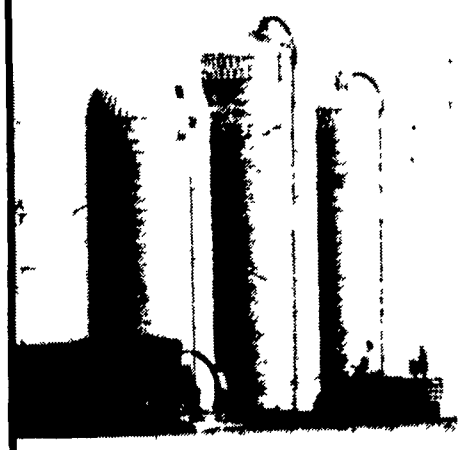

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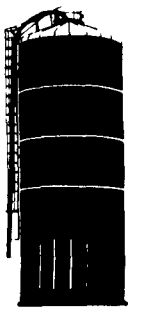

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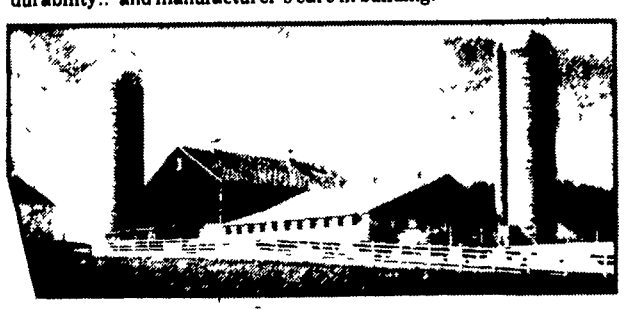

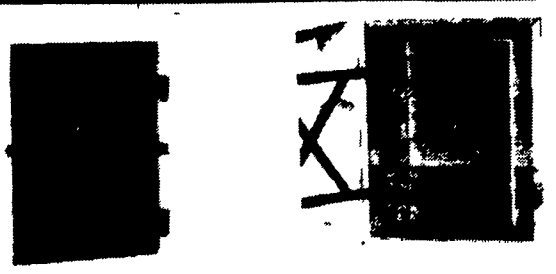

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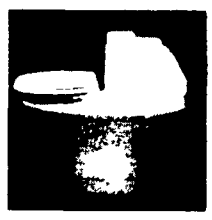

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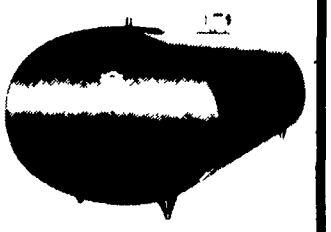

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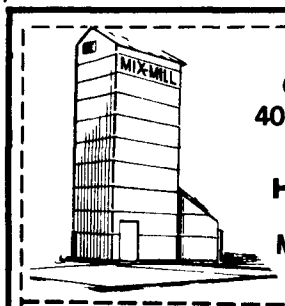

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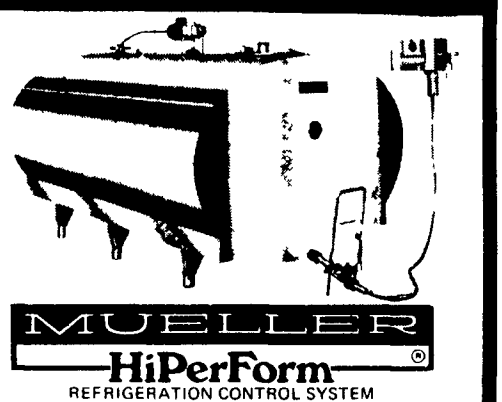

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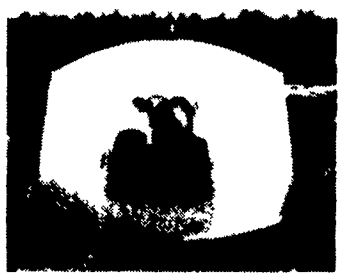

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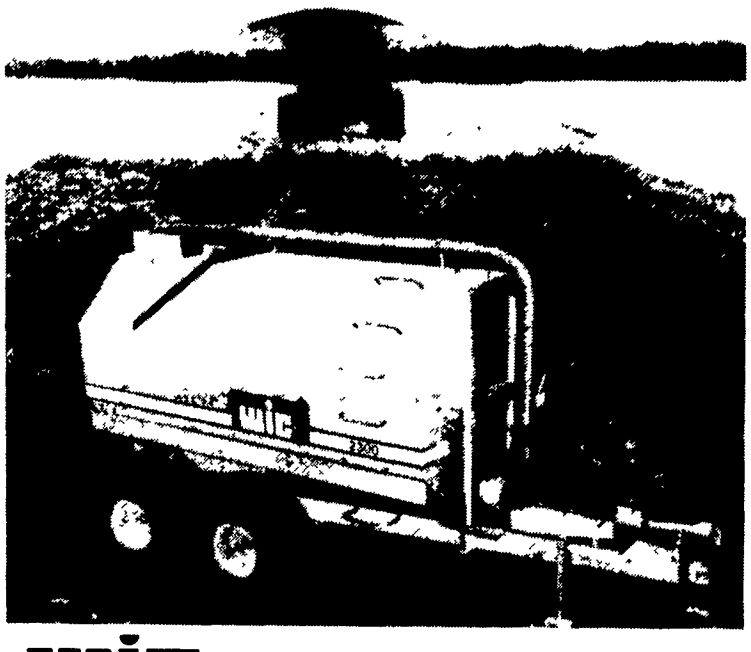

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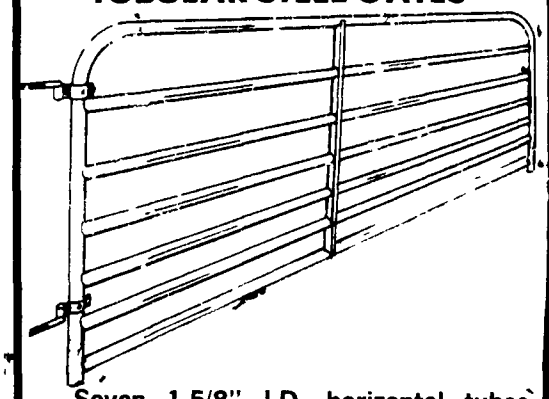

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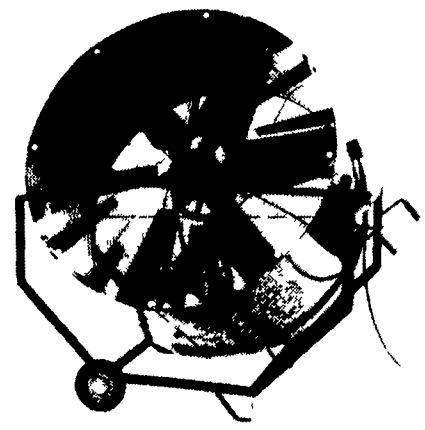

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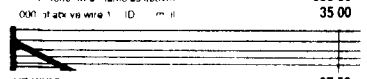

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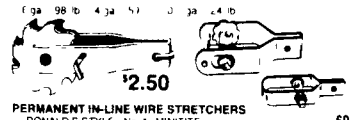

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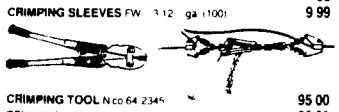

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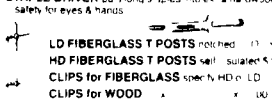

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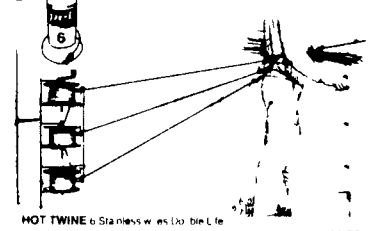

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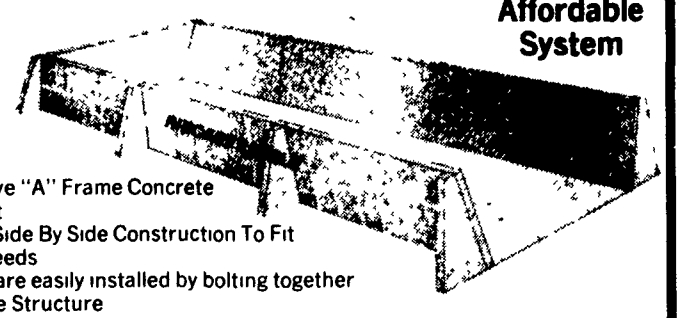

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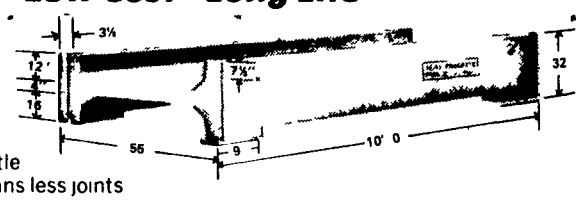

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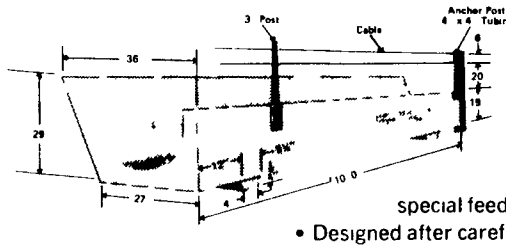

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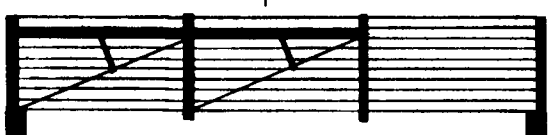

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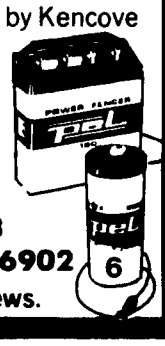

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TB Chestnut Mare - 10 yrs., excellent brood mare proven, 16.1 hands, VG blood lines. Willard W Werner, Sr, Leaman Rd., Box 167K, Cochranville, PA. 19330.

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Hampshire service age boars, Pseudorabies negative tested, $175-$225. Carolyn Thomas. 717-993-6095. York Co.

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As always Sure-Crop is produced with the highest quality raw materials available using all white phosphoric acid, potassium hydroxide, aqua ammonia, and urea, which is blended to form a high quality product.

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To Order Or For More Information Call Or Write The Manufacturer

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Distributors Welcome

PLANTS

Wanted To Buy - Very large amount of Penn Crisp celery plants. Will consider other varieties - Hodecker Celery Farm, 5496 Manheim Pike, East Petersburg, PA 717-569-9961

Cauliflower, cabbage, brussel sprouts, broccoli, cut dill, statica and cut flowers Wholesale and retail 717-872-7182

PLANTS FOR SALE
Cabbage
Cauliflower
Broccoli
and
Red Cabbage
Paul Breneman
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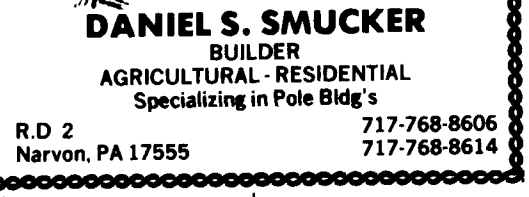
FRUITS AND VEGETABLES

Size B Katadin seed potatoes from 1983 crop, certified seed, 215-286-9510.

NURSERY

(2) Super Light Truss Greenhouses 30'x96' free standing, all equipment and benches included; (1) Pipe Greenhouse 24'x96' free standing, all equipment and benches included. Call 717-532-3572.

SERVICES OFFERED



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AGRICULTURAL - RESIDENTIAL
Specializing in Pole Bldg's
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Soybean - Corn - Hay
Will Travel For Large Acreage
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Ivan Zook and Co. Hauling hay, straw, corn, manure, equipment, lumber; skid loader rental; will haul to auctions R.D. 1, Gap, PA 17527. Call anytime, 717-768-3052.

Unloved? Unhappy? Specializing in all matters of love. Often you find yourself confused, unable to cope with your problems such as love, marriage, family affairs. At times you feel you have failed! You want to know why. I can help you! Call or write:
(919) 977-6633
Roxanne Johnson
Box 1274
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Wood planed jointed and cut to your specs. 12¼" mx. Lititz. 717-626-7981

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M.D. Herr
717-665-2718
Lancaster and Surrounding Counties

CATTLE HOOF TRIMMING
Donald Schock
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Lancaster & Surrounding Counties

SERVICES OFFERED

J C Ehrlich Co., Inc. Termite, Pest, Rodent and Smoke Control Lawn and Shrubbery Spraying Free estimates 1278 Loop Road, Lancaster, Pa Phone 717-397-3722

Soybean roasting on your farm. Dale L Schnupp RD 6 Lebanon, PA 17042. 717-865-6611

CATTLE HOOF TRIMMING
David Eckman
Lancaster & surrounding counties
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Repairing and servicing of Ford Tractors. Experienced. Low Overhead, Low Rates. Will do other makes as time permits
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Ag Bag custom filling. Ernest Kocher, Jr., R D. 2, Birdsboro, PA 215-689-5387.

No-till soybean drilling after barley and wheat Call 717-898-8691 after 5 30 PM

Christian person to work on dairy farm Single Board included. Must give reference. Lancaster Co 215-445-6008.

Side dressing nitrogen on corn and foliar spraying with JD 6000 high cycle Berks and surrounding counties Call 215-944-7325

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$17.50 Per Acre
Plus Fuel
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MF 860 - 15' flex w/"Tiger Jaw"
Trucking Available
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HELP WANTED

Gardening maintenance position offered on estate in Princeton, NJ, with separate living quarters provided References requested. Write P O. Box 348, Princeton, NJ 08540.

Opportunity for responsible farm worker on a 50 acre vegetable and small fruit farm. Full time, year round work with an established business. Applications available at Ashcombe Vegetable Farm, 906 Grantham Rd., Mechanicsburg, PA. 17055 15 miles SW of Harrisburg Just off Rt. 15. Pay commensurate with experience and ability. Phone 717-766-7611.

Experienced, dependable person to milk 250 Holsteins in double 10 parlor in Eastern North Carolina Must be able to practice good dairy husbandry. Responsibilities include sanitizing heat detection. 919-935-5130 or 919-935-5009.

Help Wanted - for Susquehanna County dairy farm. Must be experienced milker and field work, house provided. References required. 717-434-2048.

Wanted - Reliable couple or single man to manage and work small (150 acres) farm. Must know farming and be meticulous with animals and equipment. Salary, house, benefits. Write P.O. Box 176, Harleysville, PA 19438.

Full-time farm help wanted. Experienced with large farm equipment and mechanical ability. Potter Co. 814-848-9753.

Responsible person to take care of broiler operation in York Co Salary, bonus and house Some additional farm work Reply to Lancaster Farming, Box 366, R-9, Lititz, PA. 17543.

Assistant Herdsman on large registered Holstein dairy Duties to include milking, some feeding and AI Must be able to apply good herd health practices. Send resume to Hickory Hill Farm Inc., 17011 Pleasant Meadow Rd., Upperco, MD 21155. or Call 301-239-7326 7 p.m. to 9 p.m.

Person to work with laying hens and general farm work. House available 717-786-3740.

Unusual opportunity Herdsman and part-time manager 814-445-8054.

CUSTOM WORK

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Professional Service - We stay with the machine to save you TIME & MONEY
(Our aim is to keep your chopper IN the field chopping, not at the endrow idling)
For prices and scheduling call 717-665-7471

★ We have liquid preservative available for hay baling
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HELP WANTED

Farm Equipment Shop Mechanic, experience required Phone 717-397-5179 for appointment. Lancaster County

Farm Equipment Salesperson - farm experience required. Phone 717-397-5179 for appointment Lancaster County

Experienced Help For Dairy Farm. 80 cows with milking parlor. Wife to help part time. 1 bedroom house provided. Call after 7 PM. 717-529-6640.

DEALERS wanted to sell QUALITY minerals, milk replacer and other dairy products. Large company Strong growth potential 609-784-0839

Wanted - Male or Female, fulltime dairy farm help Must like Jersey cows and milking. Hospital insurance and housing included. Call Monday thru Friday 8-11 a.m. 215-562-3242

Organic vegetable & fruit farm needs non-smoker interested in working & living on farm. Call 301-276-4764 on Friday or Sunday

Help wanted-person to work on dairy farm full-time or part-time. House available call 215-488-6816.

Milker Wanted - 50 cow dairy. Prefer single person. Position open immediately. Pleasant working conditions 201-832-2214.

Ambitious worker for corn and dairy farm in north Harford County, 301-452-5650

Dairy farm help wanted Milking position with some field work available on large dairy farm. Trailer and salary provided. Some experience preferred Send resume' to Box 394-Barto, PA 19504.

Help Wanted- Single person to work on dairy farm Give reference Board included Lancaster Co 215-445-6008.

WANTED
Experienced
Construction
Carpenters
Backhoe Operators
Cement Finishers
717-392-6756

Man and Wife Herdspersons
To totally care for Holstein herd. House, electric, salary or percentage.
Lancaster Co
Reply to Lancaster Farming, Box 366, K-21, Lititz, PA 17543

Sales & Service Position Available
Poultry Service Experience Required
For application Form Contact:
Moyer's Chicks, Inc.
266 E Paletown Rd
Quakertown, PA 18951
215-536-3155

WANTED
Ambitious, hard working family or couple to take over operation of small 50 cow dairy Shares, partnership or eventual ownership for right person. Some cash would be helpful Located central part of western Pa. Reply to Lancaster Farming P.O. Box 366 D147 Lititz, PA 17543

HELP WANTED

HELP WANTED

AG SALES OPPORTUNITY
Salary - Expenses - Commission
Professional sales training provided. Ag sales experience or ag background desirable.
Submit resume in confidence to
Lancaster Farming
P.O. Box 366, D-145
Lititz, PA 17543

Experienced Help Wanted
on general crops farm with some steers and hogs. Located in Berks County. Must know farm machinery. This would be a permanent job with opportunity for the right person to become manager. Good salary, house and benefits. Work and character references required. Call:
215-682-6161

Dairy Farm Help Wanted
Milking positions with some field work available on large dairy farm. Housing and good salary with profit sharing plan provided. Some experience preferred. Send resume' to:
Lancaster Farming
Box 366 D-148
Lititz, PA 17543

WANTED
Aggressive, self-starting individual for retail feed & animal health sales in south central Pa. Farm background necessary. Base salary & commission plus many benefits. Opportunity for advancement and a chance to present new ideas. We want to grow.
Lancaster Farming, Box 366, R-10,
Lititz, PA 17543

SUMMER OPPORTUNITY
Help Wanted: Seed Cleaner Operator. Excellent Earnings, Must Be Reliable, Full Time From Mid-July . Thru Mid-Sept. Help Needed In Following Counties: York, Lancaster, Berks, Lebanon, Dauphin, Schuylkill. Pickup Truck Necessary.
- Call Or Write For Application -
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Strong demand for dairy farm employees! Good opportunities and interesting locations Employers pay us to find the people they need Recent dairy farm experience, good references and willing to relocate required Since 1968 Now nationwide
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Jack of all trades (Typing, mineograph, reception, P.R. writing, audio-visual, creative), Master Of Some
Jack
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Exton, PA 19341

PETS

Wanted: Puppies, all breeds. Jack's Dog Farm, Rt. 611 Pipersville, PA 18947. 215-766-8802

Wanted - puppies for pets. AKC purebred mixed, litters, 717-442-4259.

Charles Hackett Puppy Buyer. Needs pups starting early August. Call 215-924-8882.

COMPUTERS

Try Before You Buy. Working Software Demos. Available. Farm Software Services, Bernville, PA 215-926-3167.

RECREATIONAL VEHICLES

Suzuki 400, very fine, $800. 215-356-5305.

BUSINESS OPPORTUNITIES

WANTED - Condemned Poultry House. We will lease our joint venture for breeding rabbits. Call John. 215-343-9020.

Operating feed mill in farming town. All Sprout Waldron Equipment. Two 5 ton mixers, dryer, roller mill, 3 dump pits, 62,500 bushel storage, scales, rolling stock, good buildings, on Railroad siding with 1.1 acres. $180,000.00 Plus Inventory (301) 756-6666.

For Sale By Owner - 8 units, Motel and Luncheonette with living quarters. Good hunting and recreation area. Clinton Co. Immediate possession. Excellent opportunity at $40,000. Call 717-229-2500.

SITUATIONS WANTED

Young man for work on 40 cow dairy farm. True interest in cows. Full room and board, salary, other benefits for right person. 301-357-8466 after 8:00 p.m.

Couple looking for a job on livestock farm with house. Experienced, honest and hard working. Call after 6 p.m. 703-360-5597.

Attention Agricultural Firms- young aggressive male desires position in agricultural sales/management and or merchandising. Masters in agriculture economics from PSU. Currently working as grain trader for an international grain company. References/ resume available upon request. call 215-793-1131.

HELP WANTED

PUPS WANTED
July 30 and 31
by Jo Jo
I will pick up pups in Terre Hill area - 12 Noon,
New Holland - 1 PM
Georgetown - 3 PM
Kirkwood - 4 PM
on Monday, July 30 and on Tuesday, July 31 - at Root's Farm Market off Rt. 72, Manheim, PA, From 8-10 PM
New Summer Hours
For details contact JoJo after July 25, 1984 at
609-452-8903
or
301-778-6666
For best results call early mornings Keep trying.
P.S. Pup stand closed at Root's until July 31st

SKH

LITITZ
TEMPORARY WAREHOUSE WORKER/ TRACTOR TRAILER DRIVER - Unload and load trucks. Make local deliveries. Must be able to lift 80 pounds. Fulltime hours through July and August.

TEMPORARY FLORAL DESIGNER - Organized individual able to interpret customer ideas. Experience with silks, dried and preserved flowers required. Experience with wedding bouquets helpful.

LEOLA
TEMPORARY LANDSCAPE WORKMAN - Must be able to lift 80 pounds. Must be available weekdays and Saturdays.

ROHRERSTOWN
F/T TURF & SUPPLY SALES - Knolwedge of herb/fung/pesticides required. Ability to identify insect., pest & plant diseases necessary.

APPLY WITHIN!!
STAUFFER'S OF KISSEL HILL
813 Lititz Pike, Lititz, PA 17543
717-626-4771

PETS

AKC St. Bernard puppies. Born 4-26-84. Bedford County. 814-276-3157.

Quality golden retriever puppies, excellent bloodlines. Whelped 5/29/84. Will have shots and wormed. No Sunday calls, please. Lewisburg 717-524-4631

Registered Australian Shepherd; Female, Black Tri, 4 months old, $50. 814-847-2869.

FOR SALE - Boarder Collie pups, $125. 215-869-3688.

FOR SALE - Puppies, Airedale, German Shephard, Siberan Husky, Old English Sheep Dog, Cairn, PitBull, Fox Terrier, Schnauzer, Mt. Airy Kennels, Ephrata. 717-733-7751.

Keeshund pups for sale. Harvey Weaver, RD 2, Ephrata. Lanc. Co. 717-859-3926.

Registered Border Collie pups, 6 weeks old, Lancaster County, 717-656-6160.

Welsh Corgi pups. Pembroke AKC reg. Excellent pets. 315-539-9016.

AKC Collie puppies. Beautiful whites and sable & whites. Whelped 6/6/84. Will have shots and wormed. No Sunday sales, please. Lewisburg. 717-524-4631.

Wolves (3) Purebred.
1 Timber female,
1 Artic male and their son.
Reasonable
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FOR SALE
Reg. Southbound Ewes
Started Border Collie Dogs
Also 6 week old Puppies. These dogs will work all types of livestock.
Sheep Hill Ranch
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'41 Chevy Coup, basket case, $800.00. 215-646-9057 or 215-542-7980

1973 Eldorado convertible. Very fine, $5,700. 215-356-5305.

Dual post car lifts in good condition, $600. Complete Units. 215-542-7980 or 215-646-9057.

HOUSEHOLD GOODS

FOR SALE - Columbia black enamel cook stove w/hot water tank & pipe shelf, good condition. 215-593-5754.

MISCELLANEOUS

For Sale - Pole length firewood. Call after 7 PM. 717-374-8965.

Wanted - Japanese Samurai swords, German and Japanese war souvenirs. Old family quilts also purchased. Cash paid. Dan McCauley. 215-265-6942. Collect calls accepted.

For Sale - Rubber Matting, 100 sheets, 1"x24"x10'; (3) high volume fans from Navy; 250 gal. SS tank, insulated w/manhole; 3 bucket elevators. 201-938-3342.

Rex Rabbits, good selection of colors, from show-winning, blood lines. 717-349-7456.

100+ year old, two seat antique surry. Mint condition, like new. 717-374-8490.

FOR SALE 2 stainless Surge milkers & strainer, $50; Hammond church Model organ, speaker & chimes, $500.

Wood and metal cutting bandsaw blades made to order. Can be mailed. 717-733-0511.
Martin's Sharpening
RD 1
Ephrata, PA. 17522

Air dried rough cut lumber walnut, $1.50 ft., cherry, $1.00 ft. Carlisle, PA. 717-258-6639.

Needed - portable sewing machines and sewing equipment for youth to learn sewing. Fleetwood 4-H Club (Berks). 215-944-9434 or 215-926-1058.

Old Cider Mill Wanted - Complete or partial. Call collect. 201-735-5813 or 201-782-4331.

For Sale - Timbers and other lumber from large barn. Also brand new 60 h.p. Perkins gas engine. 717-726-3659.

Good used storm front carriage with hydraulic brakes. 717-656-2846.

Copper 40 gal. apple butter kettle with stank, excellent condition, $450.00. 301-694-9527.

MISCELLANEOUS

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

2" new boiler flue pipe, exc. for gates or fencing. 717-872-9152 days, 872-2579 eves. and weekends.

One hive or 50, some with honey crop. Call 301-838-7648.

Bought and sold new and used cardboard boxes; drums, plastic scrap, Reliable Recyclers, 178 Greenfield Road, Lanc. PA, 17601, 717-397-7695.

Locust post, fully seasoned for fencing, landscaping, etc. Wholesale quantities. 717-755-5587, evenings.

Wood shavings with some dust. 5 ton loads. Keller Sensenig. 215-445-6164.

Front End Wheel Alignment Machine, Bear Model 624, $250.00. 215-646-9057 or 215-542-7980.

Wanted - Good used 36" or 48" hydraulic cider press. David M. Swarey, Star Rt., Box 224, Allensville, PA. 17002.

Wisconsin air-cooled VF4 baler engine, very good condition, electric start, $225.00 near Elkton, MD. 301-398-1348.

WANTED - Grist mill stones and other mill equipment for restoration. York Co. 717-755-8884.

Wisconsin air-cooled VF4 baler engine, very good condition, electric start, $225.00. Near Elkton, MD. 301-398-1348.

WANTED - Log cabin or timberframe barn, disassembled, to be reconstructed on new site. York Co. 717-755-8884.

MISCELLANEOUS

WANTED BUTCHER SHOP EQUIPMENT- Dehairer, Power saw, grinder, scales etc. Please state size, price and condition. Wyoming, Del.
Herman E. Yoder
RD 2, Box 454
Wyoming, Del. 19934

Old Barn, wind damaged roof, timbers hand hewn, wood pegged. Call 301-398-2164.

For Sale- 2 Biro power meat saws, $900 each. Jay's Market, Inc. 717-843-8816.

Three antique gasoline engines call 717-761-3408.

Rivett tool makers lathe w/Q.C., 5C collets, 3 and 4 jaw chucks, tooling. $2,500. 201-453-2088.

THE DRY TOILET. Uses no water or chemicals. Replaces standard septic system. EPA approved. 800-242-3909. Dealer inquiries invited.

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Hopper and Conveyor types
Pickes stone 1½ inches up Five-ten acres daily 4-yard hopper capacity Ready to work - $2950 Rebuilts $3500 up
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Blow in Cellulose Rock Woll or Fiberglass insulation.
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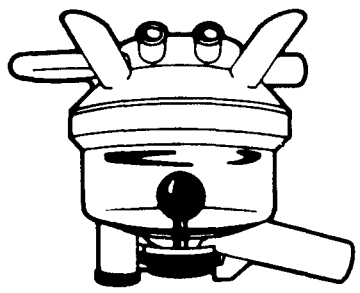
DE LAVAL ...DEPENDABLE

Super DE LAVAL Flo-Vu™ Claw



The DeLaval® Super Flo-Vu™ milking claw is the newest thing in milking. It features an extra large, extra tough plastic bowl that twists off for easy inspection and cleaning. And the Super Flo-Vu Claw can be used with all DeLaval and many competitive milkers. Check these other features:

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Check with us for full information on the Super Flo-Vu Claw and other fine DeLaval dairying equipment.

DE LAVAL® RATION MASTER™ II FEEDER

The next giant step in computer management of the dairy herd.

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NEW FEEDING STATION FEATURES:

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NEW

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DE LAVAL

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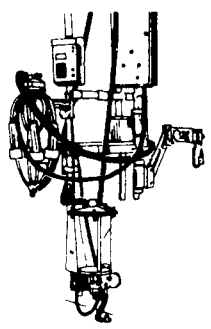

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The Flo-Master Meter is far more than just a milk meter that reads out weights on an LED display It's the first step toward total automation of milk yield recording feeding and herd management Now you can know how every cow is doing immediately and can grow by affordable stages toward a totally computerized system without expensive obsolescence

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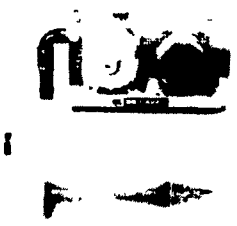

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Here's the easy economical way to step up vacuum supply as you add milkers and boost milker performance while increasing efficiency of your electricity dollar Quiet v belt drive with guard plumbed to tank for easy installation 5 HP 56 CFM Plus De Laval dependability

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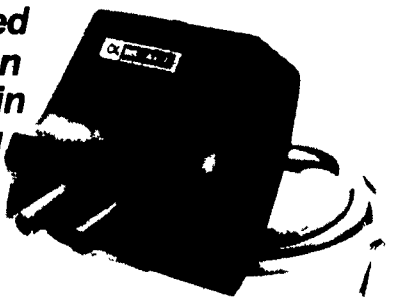
DELATRON™ I PULSATOR

DE LAVAL

De Laval introduces the most advanced pulsation system in dairying



The De Laval® Delatron I Pulsator can help you do a better milking job while protecting the health of your valuable cows

The Delatron I Pulsator features.

- Choice of alternating or simultaneous
- Choice of ratios (70 30 with 60 PPM 60 40 with 60 PPM or 50 50 with 50 PPM)
- Pre-wired for easy low-cost installation
- Master controller can control up to 20 pulsators

Call for details and a demonstration

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COMPARE DE LAVAL® New Century™

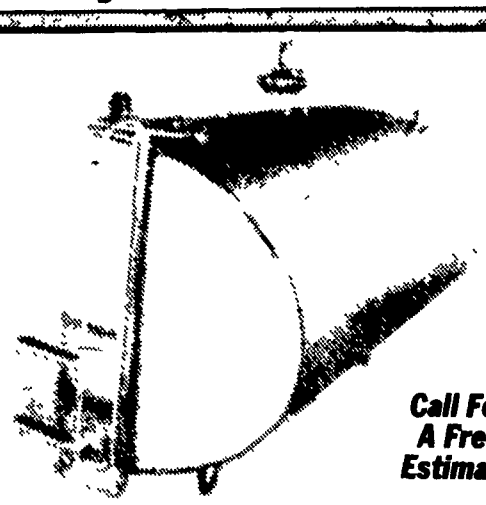
Series of Bulk Coolers For Performance, Quality, Value

All DeLaval Coolers Feature:

- 5 year warranty
- All stainless steel construction
- Oval enclosed for structured strength and high performance
- Foam-in-place insulation to keep down operating cost and maintain milk quality
- Dependable efficient automatic washing
- Wall mounted stainless steel control panel

* Most popular sizes available.

600 to 5,000 Gallon Capacity. The efficient cooling Bulk Tank Backed by a Century of Service to America's dairyman.



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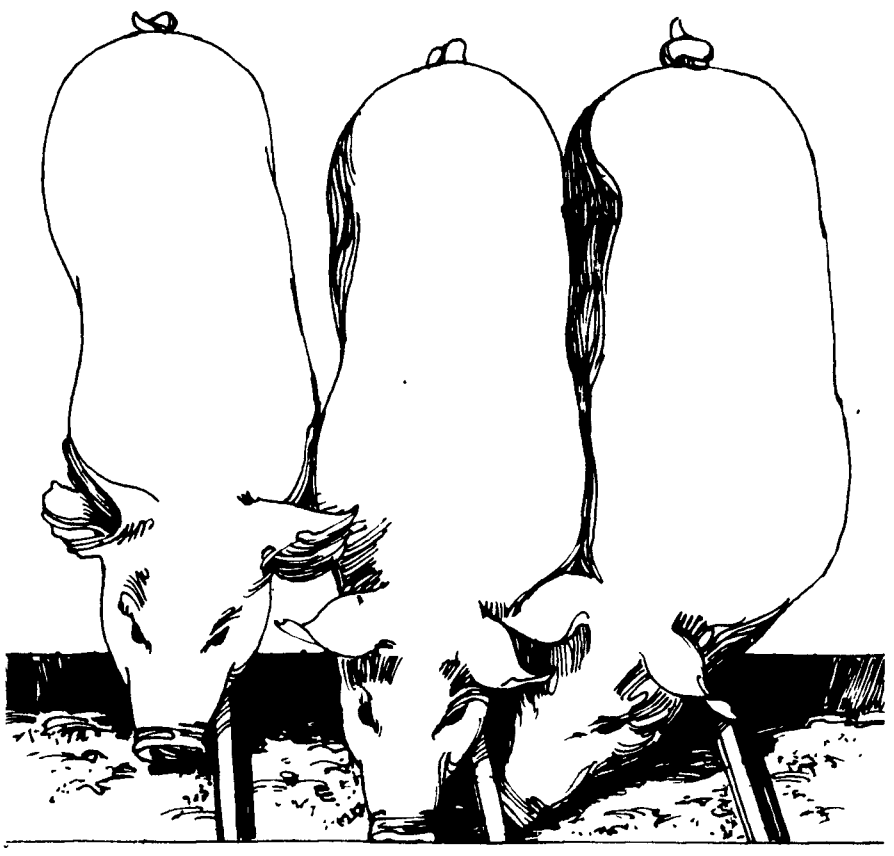

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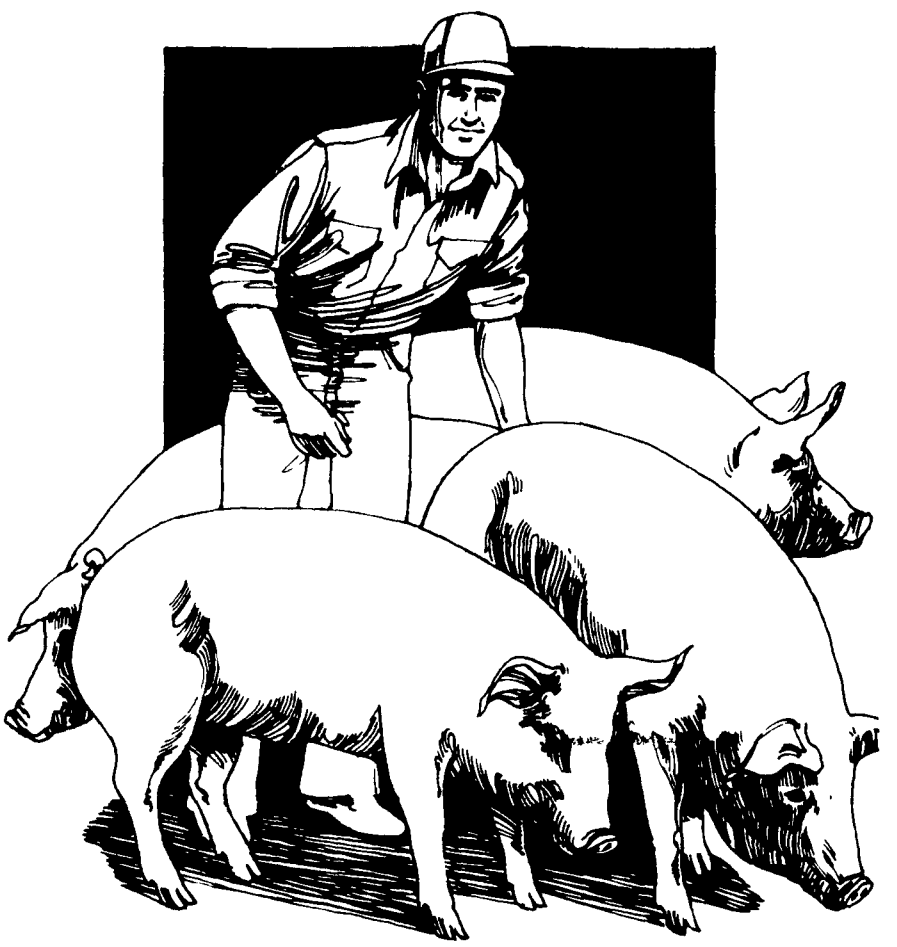

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Cooling hogs in summer need not be expensive

By Daniel J. Meyer
Extension Agricultural Engineer
The Pennsylvania State University

UNIVERSITY PARK — Hot weather reduces swine performance. Lowered feed consumption, conception rates, and higher large hog death losses are the result.

Pork producers can reduce their economic losses by adding various cooling systems. These options include using:

1. Drip cooling on crated sows.
2. Snout cooling on crated sows.
3. Evaporative cooling cells.
4. Up-to-date summer ventilation fan rates.
5. Large sidewall vent doors on naturally ventilated buildings.
6. A wide ridge opening (24") on naturally ventilated buildings.
7. Timed sprinkling in open pens.
8. Overhead paddle-type circulating fans.

The simplest and lowest cost cooling idea for sows in crates is the dripper system. A 0.8 gallon per hour greenhouse dripper is forced (needled or drilled) into a plastic water line over the top of each sow. The line can be on the crate if protected or attached to the ceiling. It should be located 18 inches behind the front of the crate to reduce wetting the feed. Two valves are needed - one to shut it off and one to keep the flow uniform (adjust only once). About 1-2 drips per second is adequate on the sow's shoulders. Ideally the floor should be totally slotted to prevent wet floors for the little pigs. Some companies manufacture a unit with a thermostat to turn it on automatically when temperatures exceed 80°F. The greenhouse dripper is about eight inches long, 1/8 inch in diameter and sells for about ½ cent each.

Sows in the farrowing house and boars can benefit from snout cooling. A flexible pipe (four-inch) is connected to duct work which provides 50 cubic feet of air per minute (cfm) per sow or 100 cfm/boar of tempered air (cooled by earth tubes or an evaporative cooler). If the air isn't tempered, ventilate at the snout with five-inch tubing and 100 cfm/boar of tempered air (cooled by earth tubes or an evaporative cooler). If the air isn't tempered, ventilate at the snout with five-inch tubing and 100 cfm/sow and 150 cfm/boar. The air should be directed as close to their nose as possible since the lungs do most of the cooling for the sows. A suspended 8-10" diameter PVC pipe with foggers inside and a fan at the end is a type of commercial system available which uses the concept of evaporative cooling in a pipe. The pipe is placed six to seven feet above the floor and can cool sows and boars in rows up to 70 feet long. Four-inch PVC pipes with 90° elbows extend from the 8-10 inch pipe down to the sows or boars.

Piping geothermally cooled air through PVC snout cooling systems is one way to keep sows comfortable throughout the hot summer months.

Evaporative cooling wall pads, circular drums, and box units are available commercially. The incoming air is passed through a moist pad, where the heat in the air evaporates moisture into the air. This raises the relative humidity while lowering the temperature of the air. The lower the relative humidity of the incoming air, the more effective evaporative cooling is. A rule of thumb is that evaporative coolers are effective when the temperature in degrees Fahrenheit plus humidity in percent total less than 120. Most units use a circulating pump to distribute water over a fibrous pad. Air is drawn through the pads into the animal area. Routine maintenance is essential to control algae growth and dirt buildup. Pad life is 3-5 years.

The pad area needed in square feet can be approximated by dividing the ventilation rate in cfm by 150 for aspen pads and by 250 for cellulose pads. The water sump should have a capacity of 0.5 gal/sq ft of aspen pad and 0.8 gal/sq ft for a cellulose pad. The flow rate in the distribution pipe over the pads should be 0.3 gal/min. Economics usually dictate that the breeding and farrowing buildings are evaporative cooled.

Recent educational swine information on cooling sows and boars suggests higher rates than previous materials. The following table summarizes their recommendations. If your swine facility is over 2 years old your ventilation rates may be too low. The rates for mechanically ventilated buildings should be checked against the table.

Summer Ventilation Rates

Animal Type	cfm
Sow & Litter	500
Boar	300
Gestation Sow	150
Sow in Breeding Bldg.	300

There are four methods of cooling naturally ventilated buildings for growers, finishers, gestation and breeding animals. These are summarized as the previously listed options five, six, seven, and eight. Ventilation doors on both sides of the building should be open one foot for every ten feet of building width for summer ventilation.

A recently developed concept for naturally ventilated buildings is to open the ridge 24 inches. This option is not possible in buildings with ceilings at 8-10 feet. The ridge opening size is adjustable with two 2x12 doors for winter. The door adjustment is controlled by a thermostat on an automatic door controller. This helps to maintain a constant temperature. The suction at the ridge is directly proportional to the wind velocity. The wide ridge aids summer ventilation in buildings less than 75 feet apart and in buildings which have prevailing summer winds blowing parallel to the ridge rather than perpendicular to the ridge. On still days and in wide buildings over 48 feet the wide ridge can drop inside building temperatures 10-15°F. The open ridge also reduces ammonia levels in buildings with pits underneath in winter since ammonia rises.

Sprinklers on timers (over slotted floors preferred) are effective in pen type situations. The timer is needed to allow the moisture to evaporate off the wetted skin. Research studies measuring the performance of finishing hogs in hot weather reveal that animals perform as well with sprinklers as they do with evaporative cooling of inlet air. Sprinklers should be designed to run one to two minutes in every 30-minute period above 80°F. For a pen of 20 pigs the water requirement at 40 psi is 0.4 gal/hr. An in-line filter is needed to keep the nozzles from plugging.

A cooling technique that increases the sprinkler system ef-

(Turn to Page D4)

Montgomery extension offers foaling tips

Waiting for your broodmare's first foal can make you almost as nervous as waiting for a baby to be born. But knowing how to take care of the mare prior to foaling as well as knowing how to recognize problems during foaling, can reduce the novice's stress and the risks to the mare and foal, says Nancy Kadwill, County Agent, Montgomery County Cooperative Extension Service.

A mare should receive regular, adequate exercise during pregnancy. But don't turn the mare out on slippery, rough ground. A fall could hurt the unborn foal.

Worm the mare during the last four to six weeks of pregnancy with a medication approved by your veterinarian to reduce the danger of the foal being infected at birth with worms. The veterinarian may also recommend administration of one or more vaccines in late pregnancy.

During the last 30 days of pregnancy, keep the mare in a stall at night. She will have a chance to get used to both the stall and the horses in neighboring stalls. She will be less nervous about her surroundings when the foaling date comes.

Mares begin to get ready for foaling 24 to 48 hours ahead of time, although they may develop some udder size four to six weeks earlier. The foal begins to position itself inside the mare. The udder becomes distended and may ooze a honey-colored fluid or colostrum. If the mare actually drips milk, you should save the colostrum and feed it to the foal.

Birth usually occurs within 24 hours of these signs.

Check the mare at two-hour intervals around the clock as foaling time approaches. Leave a small light on so you can check the mare without disturbing her.

When foaling time is close, the mare may be restless. If undisturbed, she will probably foal lying down. Once labor begins, birth should occur in less than an hour. A normal delivery time is 20 to 30 minutes.

The foal's nose and feet appear first. The foal's membranes should be broken to allow it to breathe and clear its nostrils after delivery. Do not disturb the mare and foal, though. Allow them time to get acquainted.

If the feet appear without the nose or if the birth is taking too long, call for professional help. Foaling difficulties are an absolute emergency.

Once the foal is born, saturate the naval cord in 7 percent iodine as soon as possible. Have your veterinarian give the mare and foal a complete physical within 24 hours.

Trichinosis blood test developed at Beltsville

WASHINGTON, D.C. — A new blood test for pigs may strip some of the mystery from trichinosis, a disease that costs the pork industry millions of dollars in sales annually.

Animal disease scientists for the U.S. Department of Agriculture's Agricultural Research Service today said the test — the result of biotechnology research — is more than 90 percent accurate in detecting trichinosis in live pigs.

Identification of infected pigs posed problems in the past, said H. Ray Gamble, developer of the new test and a parasitologist based at USDA's Beltsville, Md., research center. He said it had been difficult using earlier tests to separate trichina parasites and certain other parasites of pigs.

"The new test specifically detects trichina infections — nothing else — at a higher level of accuracy than previously achieved without slaughtering the animal," Gamble said.

Pigs are the main domesticated food animal to contract trichinosis, he said, but occurrence among them is uncommon. Only about one in a thousand is believed to be infected.

Even if a pig has trichinosis, thorough cooking or freezing (at -10 degrees Fahrenheit for 10 days, for example) will make the pork safe to eat, according to USDA recommendations.

A total of 29 cases of human trichinosis were reported to the United States last year. Because the symptoms are flu-like in mild cases, there probably are far more undiagnosed cases each year, Gamble said.

Originally, the new blood test was developed as a research tool, but the research agency's national swine trichinosis epidemiology project is using it to determine the prevalence and distribution of the disease, said K. Darwin Murrell, chief of the agency's Helminthic Diseases Laboratory at Beltsville.

He said USDA's Food Safety and Inspection Service and Animal and Plant Health Inspection Service, state regulatory agencies and agricultural experiment stations, and industry are cooperating in the project.

When the geographical distribution is known, scientists can concentrate control measures in the most critical areas, Murrell said.

Experts are uncertain how pigs become infected with trichinosis. Some attributed infection to eating improperly cooked garbage, others to pigs eating infected farm rats or wild animal carcasses, or directly to hog cannibalism.

If researchers can determine the method of on-farm infection, then farmers can develop and use more effective preventive measures, Murrell said.

The National Pork Producers Council is coordinating a task force of federal, state and industry researchers that seeks to eliminate trichinosis in pigs by 1987.

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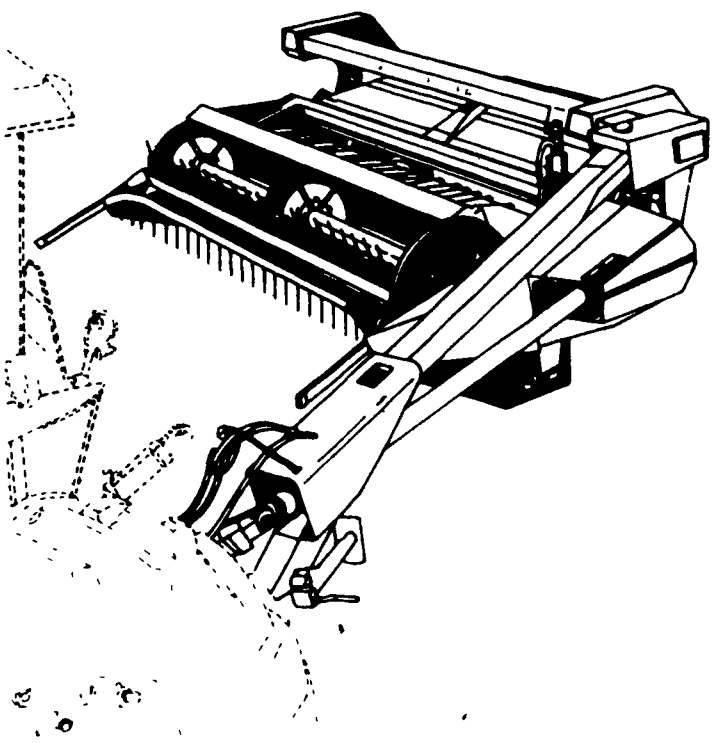

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NY Cattlemen speak out on government intervention

CORNING, NY — Lee Krasezski of Corning, executive secretary of the New York Beef Cattlemen's Association, represented the state's beef cattle producers, both purebred and commercial, at the June 18, USDA hearing chaired by Secretary of Agriculture John Block.

Krasezski told the Secretary, "cattlemen do not want direct government involvement in beef cattle production and we prefer we would not be affected by government involvement in any commodity. However, we have been forced to recognize that farm programs can and do have both direct and indirect effects on us that can seriously affect the economy of the cattle business."

Kraszewski noted that in New York and the Northeast, beef cattle represent a smaller part of the total agricultural production but also pointed out both the potential and present growth in this area as well as the national importance of the beef cattle industry.

He said the National Cattlemen's Association and the New York Beef Cattlemen's Association are calling for the transition of American agriculture to a marketing oriented system where market prices for all commodities determine producer decisions. He said the national and state associations also call for an enhancement of the competitive position of the United States in the world economy and encouragement of the wise use and conservation of natural resources.

"We, the beef cattle producers and our national and state organizations are asking for an agricultural policy that is forward looking and flexible enough to accommodate change instead of merely reacting to change after the fact," Kraszewski said. He added, "a farm policy that takes from one segment of agriculture to subsidize another is both short-sighted and unfair."

More than 50 persons presented written and oral statements relating to farm issues to be considered in the 1985 Farm Bill.

Cooling hogs

(Continued from Page D2)

fectiveness is the overhead paddle fan. Paddle fans which create air movement across the animals, increase the evaporation rate and improve cooling. A rule of thumb is one fan per 1000 sq. ft. of floor area. The best fan location is directly under a 24" wide ridge. The fan can draw in fresh air into the facility and recirculate air within the building. Insulation is needed under a metal roof if the fan blades are placed closer than four-five feet to the roof. Most of the circulating fans for agricultural applications are 56 to 72 inches in diameter and circulate 24,000 to 52,000 cfm using 100 to 220 watts. The paddle fans measure 20 inches in height. They can be used in mechanically ventilated buildings as well as naturally ventilated buildings if the ceiling height is at least 8½ feet. Wire guards are available commercially or can be built for buildings with low ceilings.

The paddle fan, like the wide ridge, also aids in ventilating wide buildings, buildings too close together for good natural ventilation and buildings which have summer air flow parallel to the ridge line. Two other advantages of paddle fans are the drying of wet floors in summer due to the fan's downward air flow pattern and the decreased temperature stratification in winter when the fans are used on low speed.

The large number of cooling options allow producers to choose one or several options that fit with each of the various types of building designs on the farm. The lower cost options, such as drip cooling and sprinklers, should be tried before investing larger expenditures of capital in the other options.

Shorthorn Junior National plans confirmed

LOUISVILLE, KY. — Over 200 head of heifers representing nearly 20 states will meet in Louisville, KY., for the 1984 National Junior Shorthorn Heifer Show held in conjunction with the National Shorthorn Youth Conference. The annual summer event will be held at the Kentucky Fair and Exposition Center, home of the North American International Livestock Exposition.

Scheduled for July 14-18, this event will be a special Shorthorn junior show and youth conference. For the first time, a progress and finished steer show will be held in addition to the traditional female show.

Judging both events will be George Ellis, Beartooth Ranch, Columbus, MT. Serving as his associate will be Rex Tribbett, of Rexlaine Farms, Linden, IN.

Females eligible for the show must have been born between February 29, 1984 and September 1, 1982.

The steer show will be broken into two divisions - a progress division and a finished division, with as many as three classes per division. The steers must be registered with the American Shorthorn Association and their owners must also be exhibiting a heifer at the event.

The youth conference will take place on Monday, July 16, where business pertaining to the American Junior Shorthorn Association will be conducted. In addition to basic business sessions, election of officers and appointment of boards members will also take place.

A highlight of the week-long events will be the Hillcrest Farm, Sutherland Shorthorns Legacy IV Sale, to be held at Prospect, KY. This production sale of Shorthorns and Polled Shorthorns will be followed by a barbeque and dance for all breeders, spectators, and AJSA members attending the sale.

For more information concerning the event contact the: American Junior Shorthorn Association, 8288 Hascall Street, Omaha, Nebraska 68124, 402-393-7200.

Sweet named to LMA marketing post

KANSAS CITY, Mo. — Michael L. Sweet, former executive with the Kansas City Board of Trade and the Chicago Mercantile Exchange, has been named to the new position of associate manager for marketing by Livestock Marketing Association (LMA).

Sweet will tour two major responsibilities, said LMA General Manager James L. Fries. "He will coordiante LMA's communications, promotion, meeting and educational activities, and he will analyze the use and sale of commercial services to the industry."

Sweet, 37, was vice president of marketing and public relations with the Kansas City Board of Trade from January, 1983 to May of this year.

From 1980-82, he held a succession of key positions with the

(Turn to Page D5)

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Wheat is economical hog feed alternative

With corn prices expected to remain high at least until harvest, many cost-conscious hog producers are finding wheat an economically attractive alternative to corn-based rations, says Susan Hackmann, a grain analyst with Pershing Futures in Chicago.

"This year, producers are feeding wheat to livestock in record amounts, even in the Corn Belt because of high corn prices and short supplies," Hackmann points out. According to USDA records, 425 million bushels of wheat were fed to livestock during the 1983-84 crop year for wheat, compared to 221 million bushels the previous year. "And for the year as a whole, the USDA projects some 400 million bushels will be fed to livestock." Most of this wheat, she notes, will be fed from June through September, when farmers are waiting for the corn harvest.

Although wheat traditionally enjoys a significant price premium over corn, this year prices on the Chicago Board of Trade are virtually the same, Hackmann says. "July futures contracts closed with corn at 3.53-1/2 per bu., and wheat at 3.64-3/4 per bu.," she says. "Considering that a bushel of corn weighs 56 lbs., and wheat 60 lbs., wheat is in fact cheaper than corn," she declares.

From the nutritional standpoint, wheat compares very favorably to corn, adds Dr. Gawain Willis, senior swine nutritionist for Ralston Purina Company, who notes that wheat is significantly higher in lysine and available phosphorus. Wheat, he explains, contains 30 percent more lysine and almost three times the available phosphorus than corn.

Yet, warns Willis, all-wheat diets still fall far short of meeting a pig's total nutritional requirements for these and other nutrients. "And while supplementing with a concentrate formulated specifically for use with corn may meet a hog's nutritional requirements, it does not take advantage of wheat's higher levels of lysine and phosphorus," he suggests. To make the most of this cost-effective grain, Dr. Willis, offers a few tips on formulating a nutritious, efficient, wheat-based swine ration.

In light of current corn prices, wheat may be the logical feed alternative for many hog farmers.

- When corn is 90 percent or more the per-bushel price of wheat, producers should compare the cost of wheat versus corn-based grind and mix rations to make best value decisions.
- Wheat can be substituted for 100 percent of the corn portion of swine rations.
- To attain optimal feed efficiency, producers should grind or roll wheat to a medium to coarse particle size. Finely ground wheat is powdery, and pigs may reduce feed intake.
- Wheat should be carefully screened for molds, especially in rations for young pigs or breeder herds.
- Although wheat contains more lysine and available phosphorus than corn, it still falls far below swine nutritional needs. It should be supplemented with a concentrate that is specially formulated to take advantage of wheat's elevated levels of these nutrients.

According to Willis, farmers shouldn't hesitate to feed wheat when it's economically sound. "A properly supplemented wheat-based ration can be an excellent alternative to corn-based rations, especially during times of high corn prices like we are now experiencing," he concludes.

State park bill introduced

HARRISBURG — Senator Noah Wenger, R-36, has introduced legislation designating over 1,200 acres of land along White Clay Creek, Chester County, as state park lands.

The proposed park, made possible by land donated to the state by E. I. duPont de Nemours and Company of Delaware, will be used solely for "outdoor recreational use for the citizens of Pennsylvania and tourists," according to Wenger. "Because of its prime location, this land could have been sold for a considerable sum if placed on the commercial market. I commend the duPont Company for placing the long-term public benefit above any short-term personal gain," he added.

"In addition," Wenger noted, "an adjoining tract of land in Delaware has also been designated as state park land and, as a result, a bi-state advisory board, under the guidance of each state's Department of Environmental Resources, will be established to administer the park's operations and upkeep."

"It is the intention of both states to keep as much of this land as possible in its current condition," the senator said. "It is not planned as a big development park but rather as a place for light camping, picnicking, and a simple day in the woods."

In addition to introducing the Senate resolution designating the park, Wenger complimented the Department of Environmental Resources for its continued improvement and upkeep to the Commonwealth's state park system.

"With Pennsylvania having the fourth largest state park system in the United States," Wenger concluded, "the addition of this park — our state's 113th — is further evidence that DER plans to continue its tradition of maintaining quality state parks."

Also speaking at the press conference announcing the planned park were Governor Dick Thornburgh, Governor Pierre duPont of Delaware, Edward Jefferson of duPont and Company, members of the Delaware legislature, and Representative Joseph Pitts, R-158.

Sweet named

(Continued from Page D4)

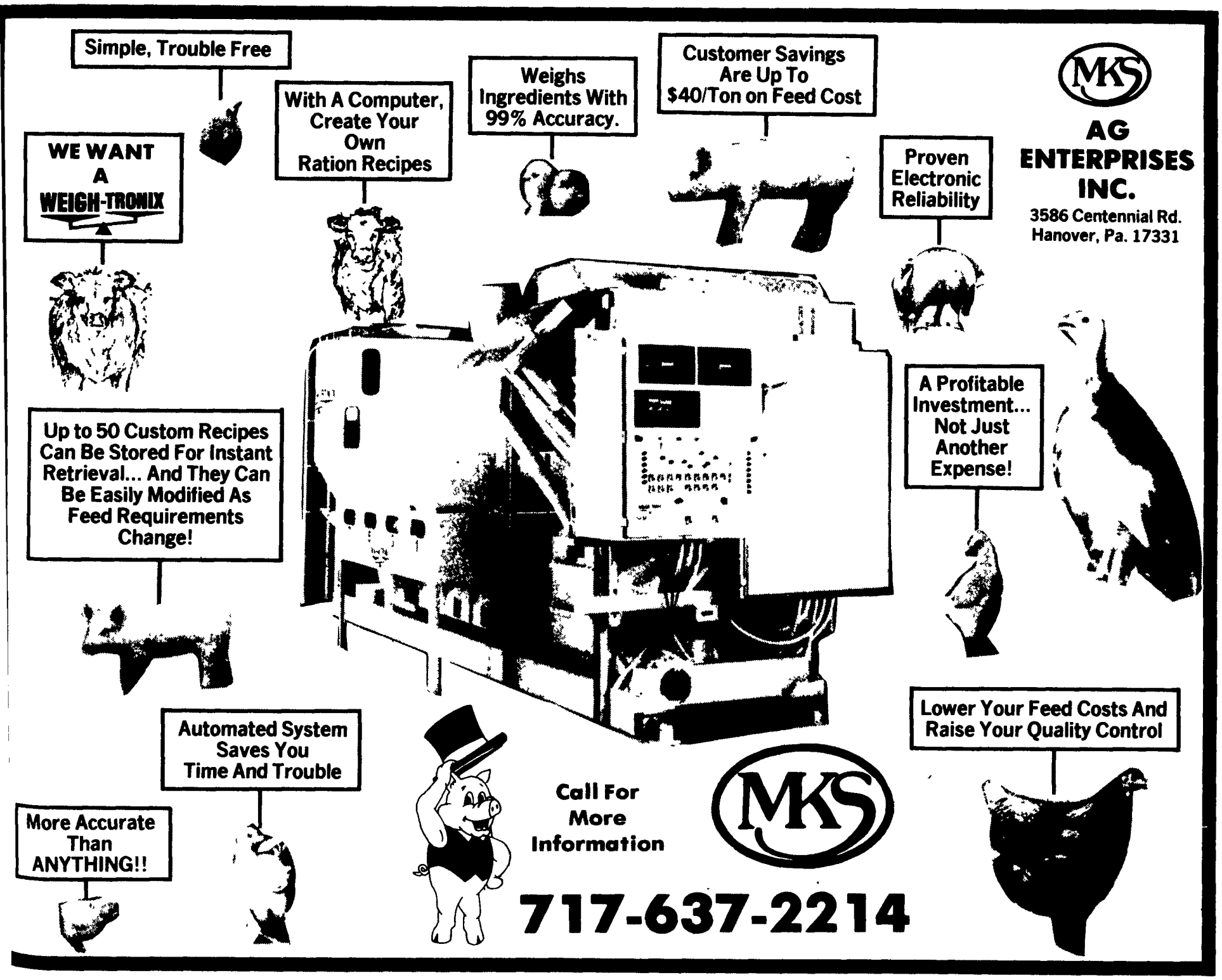
CME, including agricultural editor, acting director of public affairs and advertising manager.

Sweet also has experience in the livestock industry, serving for two years as chief executive officer of the Red Angus Association of America.

He has also been general manager of the "Angus Journal," the monthly publication of the American Angus Association, and editor and advertising manager of "Cattle Guard" magazine, the monthly publication of the Colorado Cattleman's Association.

A 1965 graduate of Shawnee Mission, Ks., East High School, Sweet received a bachelors degree in technical journalism from Kansas State University, and served four years in the Navy.

LMA is the national trade association for the marketing sector of the livestock industry, with some 1,300 member businesses in the U.S. and Canada.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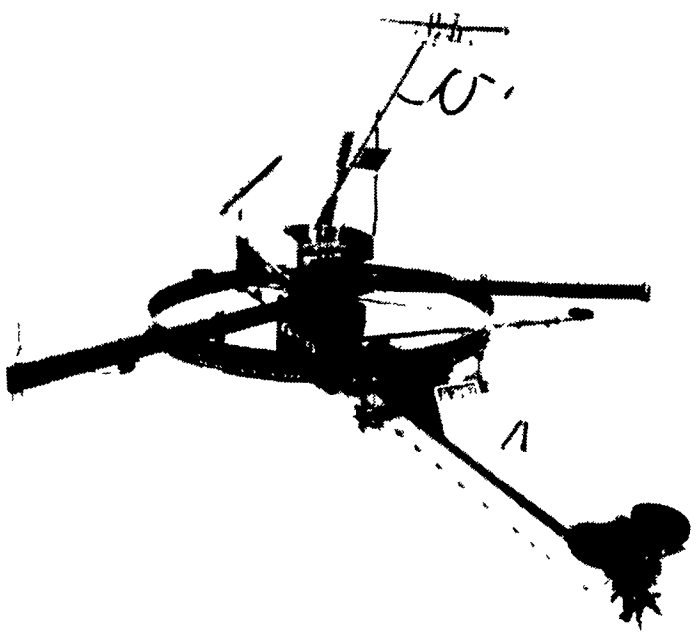


The Volumaster silage distributor/unloader has been introduced by Butler Livestock Systems.

Butler cites silage unloader

FORK ATKINSON, Wi. — Butler Livestock Systems, the company that invented the refined ring drive unloaders, recently introduced the Volumaster silage distributor/unloader. This new machine was designed to incorporate proven advantages of the Butler/Jamesway Volumatic III system with 25 new features for cost-effective feeding management.

"One way the Volumaster system helps farmers better manage their forage is through its big filling capacity," points out Butler Vice-President of Sales and Marketing, John Neill. He attributes this to Butler's powered distribution system, which evenly packs 19% more silage into the silo than with no distribution, 8% more than nonpowered competitive distributors.

"By making the most of silo space, this feature can reduce storage cost per ton," said Neill. "Furthermore, because it evenly distributes and uniformly compacts silage, it promotes controlled fermentation to retain the nutritive value of the feed."

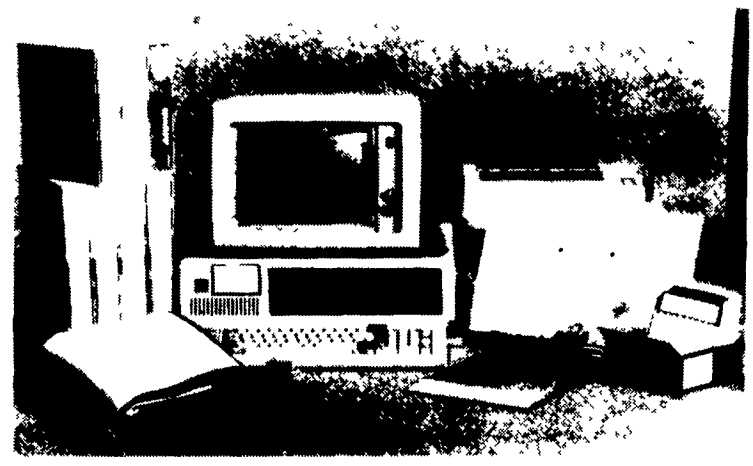
Another benefit of the Volumaster system is faster feeding. It results from a number of new features which combine energy efficiency with high capacity of optimum performance.

"Just as important," added Neill, "the Volumaster silage distributor/unloader is built to last longer with new lower-maintenance features." Those components that do require routine servicing are designed so farmers can get at them more easily.

"Key to the improved performance of the Volumaster system in Butler's experience as an industry leader in power ring drive unloaders," he continued. "We have more unloaders on the market than any other brand. With a reputation like that to live up to, when we introduce a new machine, farmers know they can expect the best."

For additional information on the new Volumaster silage distributor/unloader, contact: Butler Livestock Systems, 801 Janesville Avenue, Fort Atkinson, Wi., 53538. Telephone: (414) 563-5521.

A. O. Smith unveils computer dairy mgt. systems



MINNEAPOLIS, Mn. — A.O. Smith Farm Management Products (FMPD) division is unveiling a new release of its Agri-Key Dairy Herd Management Systems in July through participating A.O. Smith Harvestore Products dealers.

"The Agri-Key Dairy Herd Management Systems utilize A.O. Smith-developed software and IBM hardware to help livestock managers monitor and control their operations," Roger H. Zorn, FMPD general manager, said. "They allow owners to become more efficient in their management of production, breeding, analyzing and planning. Most importantly, owners may use an Agri-Key system to anticipate and respond to potential problems before they get out of hand."

Specific programs to be released later in the year will assist farmers to develop timely accounting and cash flow information, monitor machine maintenance needs, and record valuable crop data, Zorn said.

The new release of the Agri-Key Systems, which may be used in a monochrome or color mode, incorporates numerous software enhancements based on FMPD's requests for recommendations from farmers who used the previous version to manage their operations. As a result, the new release gives users greater flexibility in how they adapt each program to their particular needs.

Agri-Key is being made available initially in North and South Dakota, Iowa, Minnesota, Wisconsin, Illinois, Indiana, Michigan, Ohio, and New York. The system will be marketed in the remainder of North America as the division grows and demands develops, Zorn said.

Zorn said that three factors dominated A.O. Smith's decision to enter the farm computer management field:

First was the proven success and acceptance of the company and its subsidiaries in agriculture, based on high quality A.O. Smith Harvestore products, service and support.

Second was the company's knowledge and experience in the world of data processing.

Third was recognition of an insatiable thirst of farmers for new ways to improve management efficiency and productivity.

In addition to helping farmers shorten calving intervals, upgrade herd traits, and promote good herd health, Agri-Key is designed to track milk production by providing detailed performance reports on each cow, groups of cows, and herd average. It also will track other elements that contribute to a dairy manager's income, such as Somatic Cell count, butterfat, and protein results for each cow.

Additional important decision-making information includes cow and calf cash value, age, lactations, pregnancies, days open, breeding and vet costs, and production history.

"A computer system essentially is a central storage bank to be drawn upon as needed," Zorn said. "As such, the Agri-Key systems complement information provided by the Dairy Herd Improvement Association (DHIA), university soil test labs, feed nutrition labs, and other agribusiness groups, by allowing each farm manager to place data from these groups into one or more easily accessed programs."

"Properly used," Zorn said, "Agri-Key itself does not make decisions; as a management system, it points out areas requiring analysis and timely judgment and allows owners to make informed decisions."

Through its subsidiaries and affiliates, A.O. Smith offers a diversified selection of products and services, including the Agri-Key Dairy Herd Management System. Its product lines include electric motors, agricultural feed storage and handling systems, auto and truck structural components, water heating equipment, fiber glass reinforced plastic piping systems, computer services and software, and agricultural financing.

MF announces forage blowers

DES MOINES, Ia. — Quick, safe and efficient forage delivery to the silo are key requirements of any forage blower system.

The new MF 674 and MF 676 Forage Blowers from Massey-Ferguson meet these qualifications.

Operators can choose between the economical 1000 PTO rpm MF 674 blower with its 40-inch fan, or the 540 PTO rpm MF 676 blower with a 54-inch fan. Both blowers are equipped with a heavy-duty 55 Series PTO drive. A heavy duty driveline provides needle bearing reserve life.

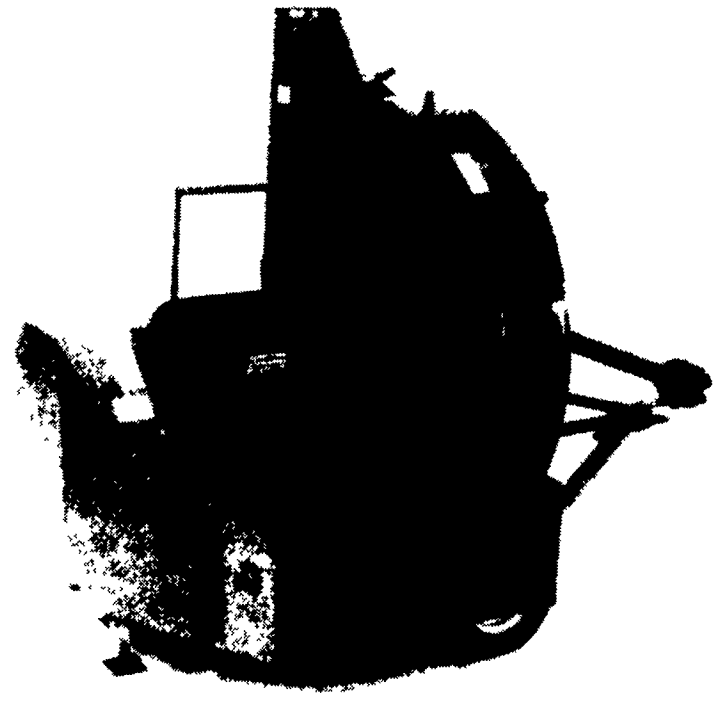
The PTO shearbolts on both models protects unit from damage due to plugs and "jackrabbit" starts. A conveniently located, full-width clutch throwout also helps prevent expensive equipment damage.

"Throw Action" Hopper

Both models feature a "throw action" shaker hopper, which, together with the 10-inch diameter lower cross auger, keeps material moving at a steady, even rate. The 34½ inch hopper, reduces box discharge spilling and the need for precise box "spotting".

Cupped blower paddles concentrate material stream for optimum crop flow.

A water inlet nozzle is standard on both models. The MF 674 and 676 also can be equipped with a hopper magnet to help reduce chances of metal getting into the silo.

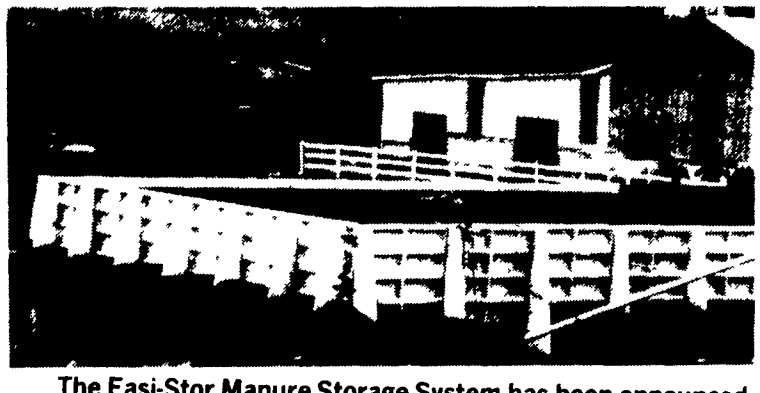


Massey-Ferguson has introduced two new forage blowers for quick, safe and efficient silo filling. Farmers can choose between the economical 1000 PTO rpm MF 674 blower with its 40-inch fan, or the 540 PTO rpm MF 676 blower with a 54-inch fan.

Smith adds manure system

MIDLAND, Va. — The Smith Cattleguard Co., Midland, Va., has added the Easi-Stor Manure Storage System to its line of precast concrete farm products.

SCC V.P. Doug Flory, who holds a degree in Agricultural Economics from Va. Tech, worked with leading Va. farmers to develop a system that is adaptable to the wide variations in needs and available space on individual farms. In addition, the Easi-Stor is low cost in both initial construction and in long-lasting, maintenance-free service and is designed to accommodate standard manure handling accessories.



The Easi-Stor Manure Storage System has been announced by Smith Cattleguard.

The Easi-Stor is constructed of 12' high x 8' wide steel-reinforced precast concrete panels. The panels are bolted together and supported by perpendicular buttresses. All joints are butyl sealed. A poured concrete floor and backfill around the base complete the installation.

The Easi-Stor system can be conveniently located adjacent to barns for direct scrape-in loading. Unlike most lagoons, this durable storage system withstands the traffic of farm equipment for thorough cleaning out. The impermeability of precast concrete provides easy compliance with pollution abatement standards.

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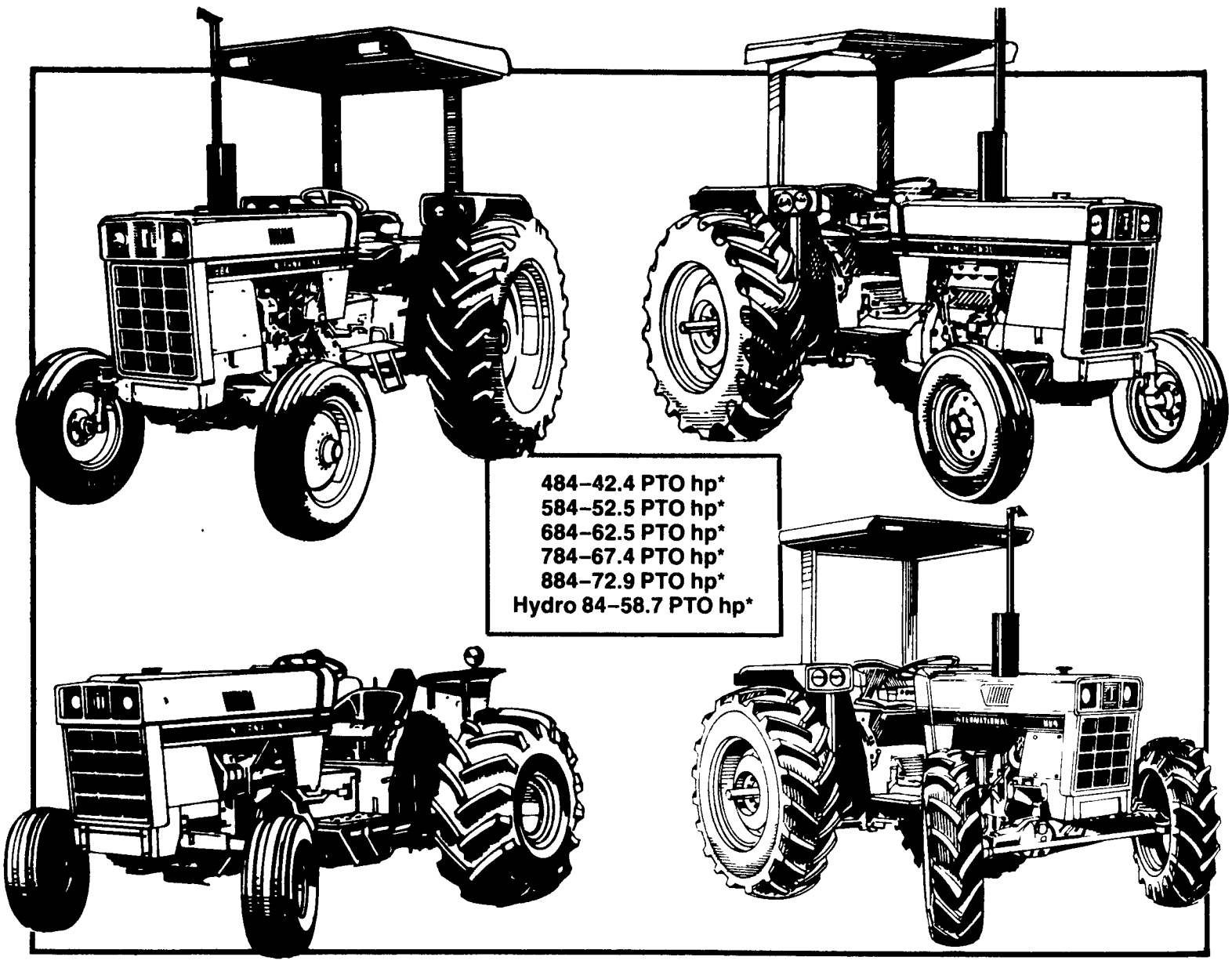

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Farm Credit gives '83 report

FARM CREDIT SERVICE — Farm Credit News

DENVER, Col. — The Farm Credit System continues to provide American farmers with a reliable source of credit at a reasonable price, according to Peter J. Carney, president of the Federal Farm Credit Banks Funding Corporation.

"It's not an easy task," said Carney. "On the one hand the system has a responsibility to the farmer who, due to circumstances beyond his control, finds himself in perhaps the worst financial position of his career. On the other hand," he cautioned, "the system must be careful not to lose sight of its broader responsibililty to conduct its operations in the best interests of the overall agricultural industry and the investors in Farm Credit securities."

In the recently released 1983 Report to Investors, the Farm Credit System recorded $82.0 billion in loans outstanding on December 31, 1983, to American farmers, ranchers and their cooperatives - more than any other lending institution in the country. "The money for Farm Credit loans comes primarily from the sale of Farm Credit securities to private investors in the world money and capital markets," Carney said.

Responsibility for issuing these securities belongs to the Funding Corporation, which is part of the Farm Credit System. Rather than marketing directly to the public, the Funding Corporation manages a nationwide selling group of 156 dealers and dealer banks which do the actual selling. Typical investors include commercial banks, savings and loan associations, thrift institutions, pension and mutual funds, insurance companies, states and municipalities, foreign banks and governments, and private individuals.

While the system recognizes the importance of attracting investor dollars to meet the credit needs of its borrowers, it also is aware of the financial stress being experienced by farmers and ranchers across the country.

As reported in the 1983 Report to Investors, beginning in late 1982 most of the 37 Farm Credit banks lowered their loan fees and reduced their interest rates more than the corresponding reduction in their own cost of funds. The objective was to reduce the effective interest cost to system borrowers ranchers. These planned reductions were possible because of the banks' strong capital position.

According to the 1983 Report to Investors, the planned reductions in net interest margins and loan fee income, plus a decline in loan volume growth, resulted in an overall decline in the system's earnings from $993.9 million in 1982 to $542.8 million in 1983. At the same time, the system continued to maintain its strong capital position with a debt to capital ratio of 8.48:1. Although earnings may decline slightly in 1984 as the system works to lessen the financial burden of troubled borrowers, the projected net income in 1984 of the combined Farm Credit banks should not be significantly different than 1983 and the financial ratios will continue to be very favorable.

Carney noted that "System earnings provide a financial margin that is necessary to ensure the stability of the system - a condition that is important to borrowers and investors alike."

"It is vital," stressed Carney, "That the Farm Credit System maintain its outstanding reputation with the investing public if it is going to continue to provide the agricultural industry with the funds it needs to operate, in good times and in bad, at the lowest possible cost."

The Funding Corporation issued $90.6 billion of Farm Credit securities in 1983 to meet the credit needs of the system's borrowers. This amount makes the Farm Credit System second only to the U.S. Treasury in terms of the volume of securities issued.

Carney pointed out that these securities are the obligations of the Farm Credit banks and are not guaranteed by the Federal Government. "They are backed, instead, by the strength of American agriculture and the strong financial condition of the Farm Credit System."

The Farm Credit System is a nationwide agricultural financial organization consisting of borrower-owned financial institutions organized as cooperatives. The system is made up of 12 Federal Land Banks which make long-term loans through Federal Land Bank Associations; 12 Federal Intermediate Credit Banks. which provide short- and intermediate- term credit to Production Credit Associations and other qualified institutions serving agricultural producers; and 13 Banks for Cooperatives which make loans to agricultural, aquatic and rural electric cooperatives. The Banks for Cooperatives also provide export financing for exporting cooperatives.

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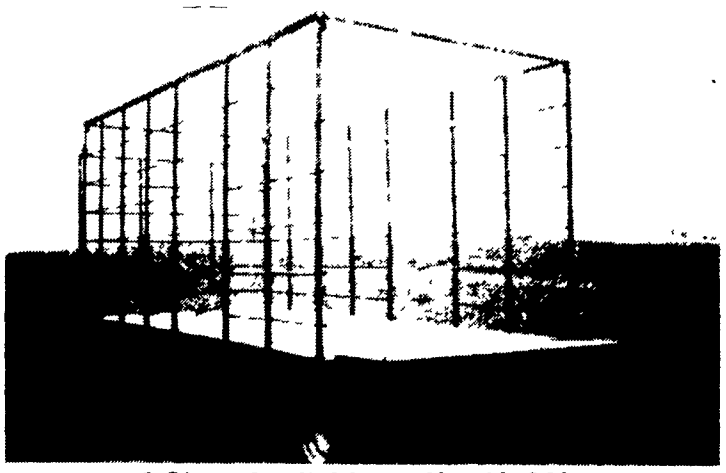

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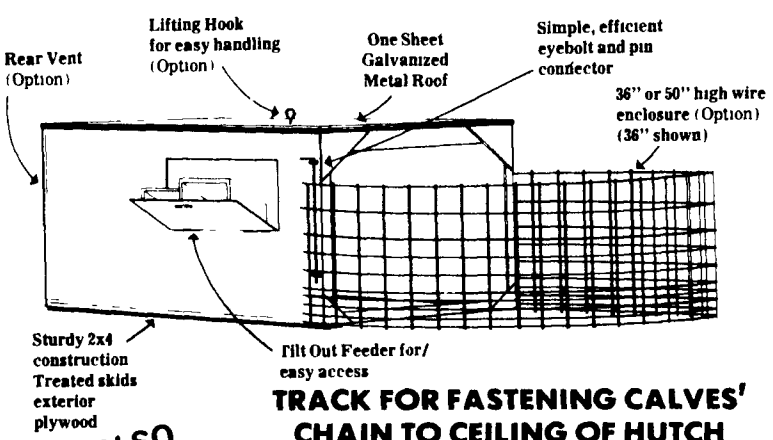
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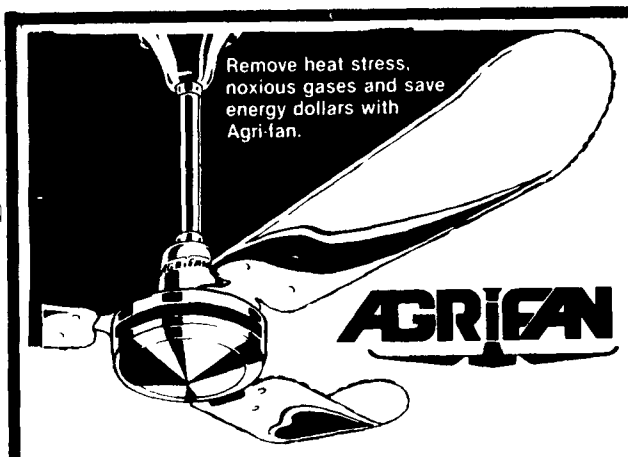

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Combine header care is critical

CHICAGO, IL. — After nurturing your crops from planting to harvest, you can't afford to leave yields in the field. You can avoid excessive losses by subjecting combine grain headers and corn heads to a thorough preseason checkup.

By doing so, producers can trim downtime and increase the percentage of crop harvested, says Gerry Salzman, marketing planning manager for International Harvester.

"Combine header maintenance is a little different than for other equipment," Salzman admits. "It's hard to schedule maintenance based on a certain number of hours, because different soil types and field conditions will cause varying amounts of wear and stress on the equipment."

Salzman also points out that the effects of the 1983 drought and PIK program will appear on combines this fall. "Combines were virtually idle in many parts of the country last year," Salzman says. "Producers should pay very close attention to preseason maintenance this year to reduce downtime and assure their machines are in top operating condition."

For either grain headers or corn heads, Salzman suggests a good checkup should begin with a thorough, high-pressure or steam cleaning to remove debris, dirt and/or grease which might impede smooth, efficient operation.

CORN HEAD

Start by leveling the unit, then check the outer divider points for proper operation or damage. The gatherer height should be set to factory specifications. These can be found in the operator's manual, says Larry Lanie, International Harvester technical service adviser.

All divider points should be inspected for proper height to ensure free, even movement.

Although International Harvester Axial-Flow combines contain over 40 percent fewer belts and chains than conventional models, proper chain maintenance and function are vital for a smooth harvest. "If chains are not properly adjusted, accelerated wear will result," Lanie explains.

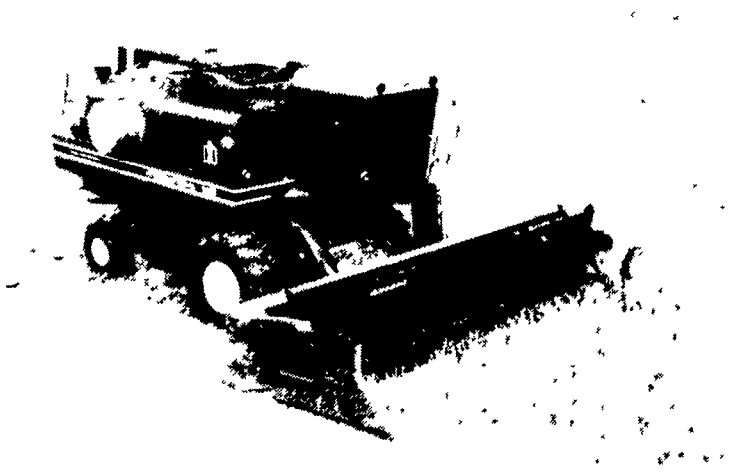
He advises producers to inspect gathering chains for wear and proper adjustment, as well as the chain stripper shields, main drive chain and sprockets.

The best time to replace any parts is before the harvest begins. This decreases the chance of possible breakdowns during the busy season when every working hour counts, Salzman says.

Stalk roll knives should be inspected for wear, as well as spacing, sharpness or possible damage incurred during previous harvests.

It's imperative that the auger system function properly, Lanie warns. He advises a thorough inspection of the auger trough bottom and stripper clutch adjustments.

Finally, Lanie says, producers should top off a corn head checkup with new gear case oil and a complete lubrication of all main points, chains and moving parts.



Proper rotor and sensor speed adjustments are vital to efficient soybean harvesting. A thorough preseason checkup can ensure smooth operation.

GRAIN HEADER

For grain headers, Lanie says, the first step after a thorough cleanup should be to make sure all flexible parts move freely.

The reel drive chain, sensor speed unit and lift should be adjusted to specifications.

Knife guards, hold-down clips, plates and knife sections should be checked for excessive wear and replaced if necessary. All drive belts, especially the knife belt, should be checked for uneven wear or cracks.

At the auger, Lanie says, producers should inspect the drive chain for wear and check auger clearances. The retractable fingers should be set for the primary crop levels using specifications found in the operator's manual.

Lanie says a grain header checkup should be rounded out by adjusting the counterbalancing springs and setting the header control height linkage. You should inspect all electrical wires and connections on units equipped with electrohydraulic sensing units.

In windrow country, where windrow pickups are used, they should be checked. If the pickup belt is worn, it should be replaced or adjusted, and the belt angle should be set. The front roller drive chain should be inspected for wear and lubricated as necessary.

"Time spent before harvest preparing your combine's grain headers and corn heads may save a lot of time during harvest when it's needed most," Salzman concludes.

Zimmermans are honored

Charles and Jane Zimmerman of J.B. Zimmerman & Sons, Blue Ball, with a branch at Annville, were recently honored as members of the DeLaval Honor Council. Ragnar Beyer, President, Alfa-Laval, Inc., Ft. Lee, N.J. and Carl F. Gerhardt, Vice President and General Manager, Alfa-Laval, Inc., Agri-Group, Kansas City, Missouri, presented the award.

The award was presented at the Cerromar Hotel, Dorado Beach, Puerto Rico. The Zimmermans were in Puerto Rico for five days of special business advisory meetings with the top executives of Alfa-Laval, Agri-Group.

Membership in the Honor Council is earned by outstanding achievement in sales and performance as a DeLaval Dealer. Members of the Honor Council will serve one year on the advisory council to Agri-Group management.

Rickey gets Case post

RACINE, Wisc. — Vickie L. Rickey has been named director of corporate planning for J I Case, according to John Borden, executive vice president, finance and corporate planning.

In her new position, Rickey, 32, will be responsible for all worldwide corporate strategic planning, short and long range planning, business economics, and distribution planning.

Rickey was most recently manager, worldwide distribution and marketing services for the Agricultural Group. Prior to this Rickey held positions as manager of Worldwide Supply and Distribution-Ag; manager of business planning-Ag; supervisor of inventory distribution, and inventory control analyst.

Rickey joined Case in 1975 under the Graduate Development Program. She received her Bachelor's degree in marketing from James Millikin University, Decatur, Illinois, and her MIM from the American Graduate School of International Management, Glendale, Arizonia.

A native of Decatur, Illinois, Rickey and her husband reside in Racine, Wisc.

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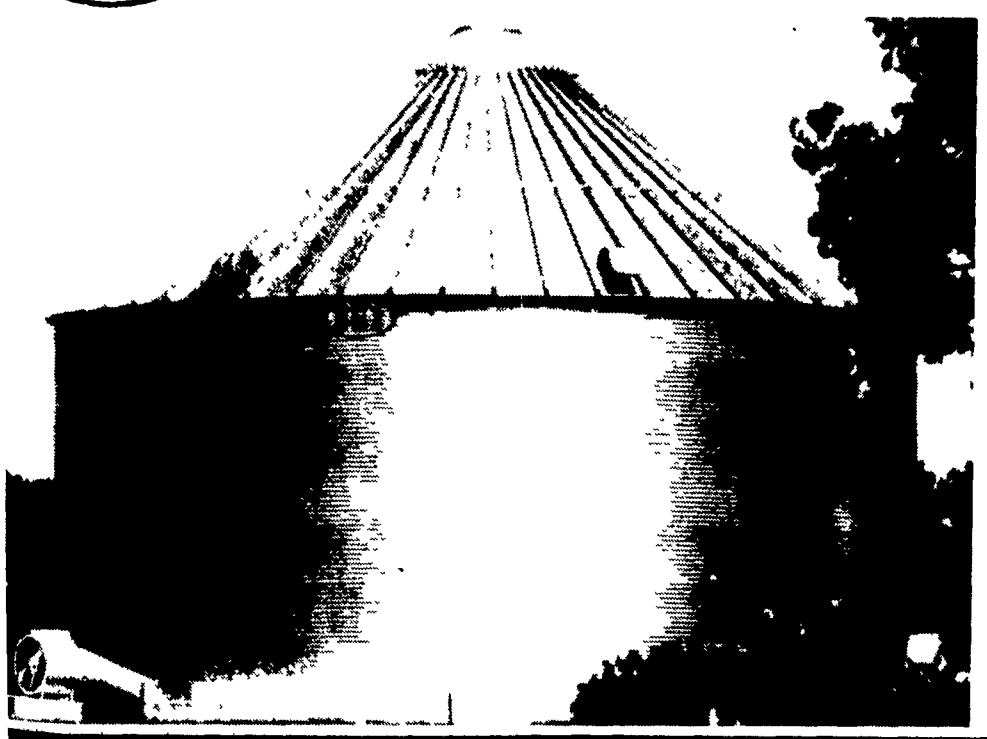

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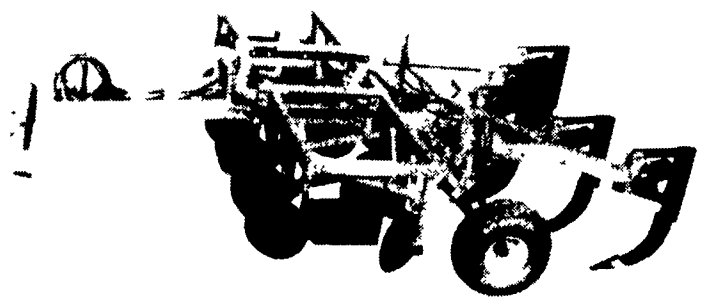
DMI reports tillage tool

GOODFIELD, Il. — DMI, INC., Goodfield, IL, recently announced the introduction of a new Turbo-Tiger II tillage tool. According to the manufacturer, the Turbo-Tiger II is the only one pass conservation tillage tool for 4-wheel drive tractors that is designed agronomically from the ground up to meet the needs of all types of soils and field conditions.

Bob Wiegand, DMI marketing director, states: "The Turbo-Tiger II is equipped with independently, hydraulically controlled on-the-go blades and shanks. The blades are 24" widely spaced discs that cut and mix surface residue uniformly, permitting machine to follow combines. Residue is left long to create wicks and soil is left coarse to improve water absorption, minimize erosion and maximize decomposition... plus, help save the average 5 tons per acre soil loss."

Wiegand also said: "The Turbo-Tiger II's shanks have a unique patented Turbo-Point design with special wings that don't just cut a narrow path, but instead create a lifting and twisting action to the soil between shanks, even in wet conditions. Turbo-Points also shatter plow soles to reduce compaction and maximize air and water exchange... permitting water to move within the soil to reduce ponding during wet seasons and to retain moisture for crops during dry seasons. Reduced compaction and shattered plow soles allow roots to penetrate deeper to reach moisture and nutrients which greatly improves plant growth and yields... yield increases of up to 8 to 12 bushels per acre... in fact, some farmers have reported profit increases of up to $54 per acre."

The DMI Turbo-Tiger II is available in a 5 shank, 12 disc model with a 12½ ft. working width; and a 7 shank, 16 disc model with a 17½ ft. working width. All machines' disc assemblies and shanks have auto-resets to minimize breakage. Also, a new, low-profile designed "A" frame evenly distributes stress over entire unit and makes hookups and turning easy. Shanks and Turbo-Points are hard surfaced for extra hours of life.



This is DMI's new Turbo-Tiger II conservation tillage tool.

For further information contact; DMI, INC., P.O. Box 65, Goodfield, IL 61742, phone 309/965-2233.

Red Power Days planned

CHICAGO, Il. — Farmers from across the country will be checking out International Harvester equipment this fall during the annual Red Power Progress Days sponsored by IH dealers.

Since 1978, IH Red Power Progress Days have brought farmers together to learn about equipment from product information specialists and through hands-on field demonstrations. Again this year, agricultural machinery will be displayed and demonstrated.

Farmers will have the opportunity to view a special arena show, test drive equipment, enjoy refreshments and win door prizes.

The 1984 Red Power Progress Days will feature a sweepstakes for free IH plant tours. The sweepstakes will be open to persons 18 and older who are actively engaged in agriculture.

Participating dealers will advertise the dates and times for their local Red Power Progress Days.

Thousands of farmers across the country will have the opportunity to test drive the latest in farm equipment, review new products and ask questions of agriucltural specialists during the 1984 International Harvester Red Power Progress Days.

Delaware Holstein Sale July 28

NEWARK, Del. — Delaware Holstein breeders will hold their annual auction sale Saturday, July 28, from 6 to 10 p.m. at the Delaware State Fair in Harrington.

The event is an opportunity for area milk producers to purchase outstanding dairy stock. It traditionally takes place the last day of the fair and is open to the public.

Though the sale is sponsored by the Delaware Holstein Association, anyone owning above-average Holstein cows, heifers or calves may participate. Since sale prices are directly related to the performance and constitutional strength of individual animals, their relatives, offspring, sires and dams, this information is listed in the printed sale catalog.

For further information, contact sale chairperson Herman Cook of Newark 302-836-1732 or 834-0802 or Delaware extension dairy specialist, Dr. George Haenlein 302-451-2523.

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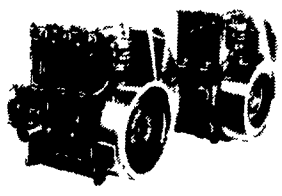

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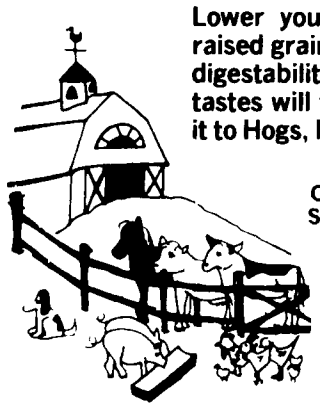

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Ford holds 2nd Women's Council session

TROY, Mich. — Women representing 13 leading farm organizations attended Ford Tractor Operations' second annual National Agricultural Women's Council meeting at Ford Tractor's North American Training Center in Memphis, Tenn., June 26-28.

Council sessions included roundtable discussions on major marketing, advertising, financing, product and dealer-service issues; meetings with Ford Tractor's top management; a "ride-and-drive" session on Ford's 160-acre farm in Collierville with newly introduced agricultural and consumer products, and a tour of Ford Tractor facilities in the area.

"The council is an important communications link between Ford and the women in agriculture," said Robert J. Nicolazzi, general operations manager of Ford Tractor's North American Sales Operations. "Through these council meetings, we can explore the needs of women in agriculture so Ford can better serve this important group. We also gain valuable information and receive feedback from the users of tractors and implements which we incorporate into plans for future programs."

After listening to the members at the first Women's Council meeting last October in Troy, Mich., Ford marketing planners incorporated a number of ideas into their 1984 North American dealer meetings and advertising program.

"At our six regional dealer meetings, we re-emphasized the important role women play in parts purchasing and the demand for quality service," Mr. Nicolazzi said. "We also produced our first advertisement featuring women as key partners in the farming operation, appearing in publications and newspapers throughout North America this summer."

Council members also explained how they play a key role in farm finances. To enhance these efforts, Ford Tractor established an in-depth seminar dealing specifically with farm finances. The seminar has been presented to farm women at the national convention of Women Involved in Farm Economics and at the "Workshop for Women in Agriculture," sponsored by Western Michigan University in Kalamazoo, Mich.

It is scheduled for presentation at the national conventions of the American Soybean Association in Tulsa, Okla. on August 3, and to the American Agri-Women Association in Peoria, Ill. on November 15.

According to United States Department of Agriculture statistics, more than 60 percent of the nation's farm wives are responsible for their farm's finances and budgeting; 58 percent share land purchase decisions and 55 percent are considered to be one of their farm's main operators. Mr. John Churchman, marketing manager of Ford Tractor's North American Sales Operations, said Ford Tractor is conducting additional research on the involvement of women on the farm, especially regarding purchase decisions on tractors and farm equipment.

The Ford Council members represent North American farm organizations with up to three million members and are active leaders in their communities. Some are prominent national and state spokespersons for their organizations. All of the women are full partners with their husbands in farming operations with up to 3,000 acres. Several council members write for agricultural magazines and community or daily newspapers.

Council members were selected by the governing bodies of leading agricultural groups. They represent Women Involved in Farm Economics (WIFE); American Agri-Women (AAW); American Farm Bureau Federation; National Farmers Organization; National Farmers Union, Canadian Federation of Agriculture; American Soybean Association; National Association of Wheat Growers; National Dairy Herd Improvement Association, Inc.; National Grange Association; National Corn Growers Association; National Cotton Council of America, and American Agriculture Movement. Women representatives from the Agricultural Departments of Michigan State University and the University of Florida also attended the council meeting.

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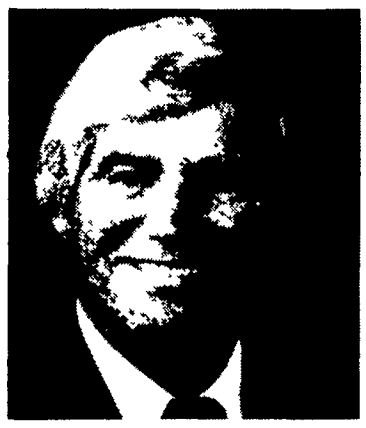
Bush Hog head promoted

Bob Middlebrooks, president of Bush Hog, has been named corporate vice-president of Allied Products Corporation, according to Richard A. Drexler, Allied's president and chief operating officer. Bush Hog, a division of Allied Products Corporation, is one of the largest manufacturers of farm implements in North America.

Middlebrooks will continue as president of Bush Hog, a position he has held since 1981. Prior to that, he served as president-marketing and sales.

As president of Bush Hog, Middlebrooks has directed the largest product line expansion in the company's 33-year history with more than 20 new products introduced in a 12-month period. During this period, Bush Hog was able to reduce the costs of many of its farm implements through modern engineering and manufacturing techniques while expanding its line of equipment for use with 40 horsepower and under tractors. As a result, Bush Hog had one of its most successful years in 1983 and expects record sales in 1984



Bob Middlebrooks

Middlebrooks, an employee of Allied Products since 1955, will also continue to serve as president of Allied's Loadcraft Trailer Division and Kewanee Farm Equipment. Combine, Bush Hog, Loadcraft and Kewanee are expected to account for 40 percent of Allied Products 1984 sales. A leading manufacturer of agricultural and transportation-related equipment, Allied specializes in metal fabrication and providing products and services to industry.

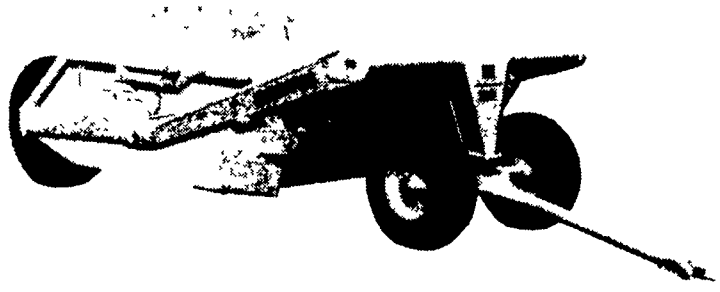
New scraper announced

CHAMBERSBURG — Soilmover Mfg. announces the "700" - a new idea in scrapers, according to Ryder Supply. The scraper features a seven-foot cut with a wide, short bowl for easy loading, fast unloading and total clean-out to do a better job in any soil.

The 700 will handle 7 cu. yards per trip (heaped) and will be available with front dolly or straight tongue. It is designed for single or tandem opertaion.

The new scraper has unique 4-ply internal floor with cross-rib construction floor and ejector. Push-off, full-force front ejection insures complete clean-out and superior leveling action. Uni-frame welded construction with double-supported, solid steel rear axles provide the strength for durable service and dependable performance.

Further details are available from the manufacturer, Automatic Equipment Mfg. Co., Department NR, Pender, Neb. 68047, or the distributor, Ryder Supply, Box 219, Chambersburg, Pennsylvania, 17201, 717-263-9111.



The Soilmover 700 features a seven-foot cut.

Egg numbers edging up

HARRISBURG — May 1984 egg production in Pennsyvlania totaled 365 million, seven percent below May 1983 production, according to the Pennsylvania Crop and Livestock Reporting Service. The average number of layers on hand during May 1984 was 16.7 million compared with 17.9 million on hand a year ago. Egg production per 100 layers was 2,184 compared with 2,119 for May 1983.

The nation's laying flocks produced 5.74 billion eggs during May, fractionally above the 5.71 billion produced a year ago. The total number of layers during May averaged 276 million, one percent above the 272 million a year ago. May egg production per 100 layers was 2,077 compared with 2,097 eggs for May 1983.

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A LITTLE MONEY NOW
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Circle offers new tank line

A new line of fiberglass bulk feed tanks has been added by Circle Steel.

TAYLORVILLE, Il — A new line of heavy-duty fiberglass bulk feed tanks is now offered by Circle Steel. The tanks are designed for storage and dispensing of feed and grain including high moisture corn. The strong, yet lightweight, fiberglass body provides protection for temperature extremes, moisture and corrosion.

The fiberglass has a tensile strength exceeding that of steel. It resists denting and rust and is not affected by salts or acids. The white reflective surface virtually eliminates heat build-up and condensation, reducing spoilage and bridging.

A gel coat finish keeps the bin attractive. The 70-degree hopper angle with a large discharge assures fast, smooth discharge flow without agitators. With a wide selection of boots, the tank can be matched to any feed system.

For ease in handling and shipping, the body is produced in three parts. Strong bolts with neoprene washers unite the sections and a non-hardening mastic seals the joints to form a rugged, leak-proof unit. A center fill hatch is provided.

The strong frame is extra heavy-duty, galvanized to resist corrosion. A uni-section ladder is part of the frame for easy access to the roof hatch.

A full range of options, including boot adapters, slide gates and pneumatic fill system, permits customization for any application.

The Circle Fiberglass Bulk Feed Tank line includes four models ranging from 2½ ton (104.5 bu.) to 10½ ton (421.9 bu.). For additional information, contact your local Circle Steel Dealer or write Circle Steel Corporation, Circle Park, Taylorville, Illinois 62568.

Farm worker pesticide safety info available

WASHINGTON, D.C. — Do farm workers want to know more about how to handle pesticides safely?

Indeed they do, say the nation's principal manufacturers and formulators. Their trade association, the National Agricultural Chemicals Association, recently developed a new farm worker safety program which is receiving acclaim for members of Congress, farm worker leaders, physicians at migrant health clinics and others across the country.

The program includes an illustrated safety brochure as well as television and radio public service announcements. All these materials are available in Spanish and English and provide basic safety precautions such as proper clothing and hygiene when working in areas treated with chemicals.

"Initial response to the program since it was released in March has been overwhelming," says Dr. Jack D. Early, NACA President. "We've received requests for more than 125,000 brochures, with additional requests coming in each day." Only a few weeks after launching the program, the association had to print an additional 100,000 brochures to meet demands.

"Farm workers are a vital part of our nation's agricultural economy," says Dr. Early, pointing out that the nearly 2.5 million farms throughout the nation produce more than $48.5 billion owrth of harvested crops, over $40 billion in livestock sales and nearly $20 billion in poultry, poultry product and dairy sales. "Without the help of farm workers, farmers couldn't possibly harvest enough food and fiber to meet the ever increasing demand for these products. Much of our agricultural production would simply rot in the field."

According to the Office of Migrant Health of the U.S. Department of Health and Human Services, there are approximately 1 million migrant and 2 million seasonal farm workers in the United States.

"It's important that all these workers understand the necessity of working safely with farm chemicals," says the association president. "Our objective is to reach as many farm workers as possible with the safety message."

Initially, NACA sent the public service spots to stations in Texas, Florida, California and Arizona because these states have the highest concentration of farm workers. Sixty-two television stations are currently airing the spots with many others planning to do so in the next few months. Later this year, NACA will send the spots to television stations in other farm worker areas.

The safety brochure is being distributed across the country with the assistance of such diverse groups as congressional offices, farm worker organizations, county health officials, government officials, farm groups, migrant health clinics and state and regional agricultural chemicals associations.

"(NACA) is going all-out in an effort to educate farm workers to the hazards of their job and teach them ways to minimize the danger," said Rep. Andy Ireland (D-FL) in a recent news release to media in his 10th Congressional District. "Workers' safety is a very important issue and it must not be ignored. Programs like this can go a long way to help prevent injury or illness."

For more information, contact the Communications Department, National Agricultural Chemicals Association, 1155 15th Street, N.W., Washington, D.C. 20005.

The National Agricultural Chemicals Association is a non-profit trade association of manufacturers and formulators of pest control products used in agricultural production.

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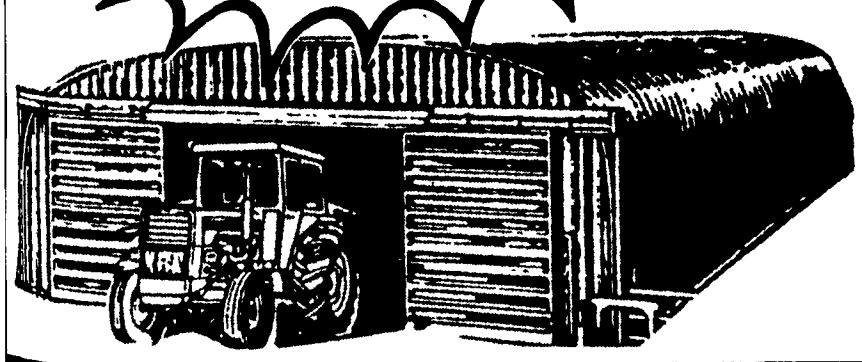

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FAIR DAYS

HARRISBURG — July brings the start of fair season in earnest in Pennsylvania.

Following is a schedule of county and community fairs as reported by the Pennsylvania Department of Agriculture:

JULY

6-7	Kutztown	PA Young Farmers Summer Conference and Picnic
13-14	Carlisle	Keystone Stud Ram and Ewe Sale
13-21	Hughesville	Lycoming County Fair
16-21	Sykesville	Jefferson County Town & Country Fair
16-21	Kimberton	Kimberton Community Fair
21-24	Shippensburg	Shippensburg Fair
22-28	New Bethlehem	Clarion County Fair
23 28	Butler	Big Butler Fair
23-28	Troy	Troy Fair
24-28	Mercer	Jefferson Township Fair
25-28	Conneautville	Conneaut Valley Fair
25-28	Penn Argyl	Plainfield Farmers Fair
26-27	Lebanon	PA Yorkshire Co-operative
26-Aug 4	Uniontown	Fayette County Fair
30-Aug 3	Martinsburg	Morrison Cove Dairy Show
30-Aug 4	Clearfield	Clearfield County Fair
30-Aug 4	West Chester	Goshen Country Fair
30-Aug 4	Mercer	Mercer County Pomona Grange Fair
31 Aug 4	Wind Ridge	Jacktown Fair
31-Aug 4	New Stanton	Stanton Community Fair

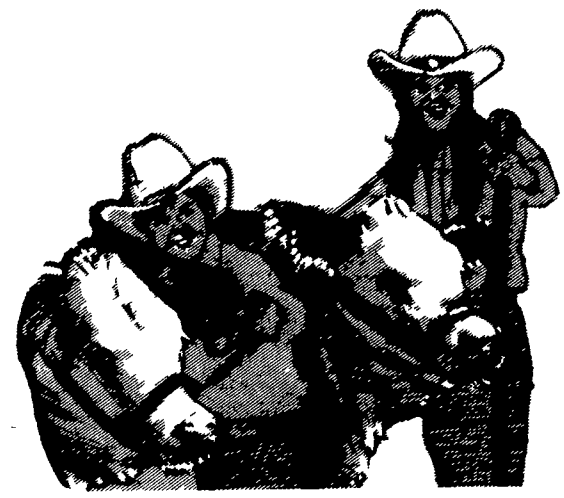
AUGUST

3	Washington Fairgrounds	Western Pennsylvania Holstein Championship Show
4 11	Mill Hall	Clinton County Fair
4 11	Waynesburg	Green County Fair
5 11	Laurelton	Union County West End Fair
6-11	Bedford	Great Bedford County Fair
6 11	Butler	Butler Farm Show
6 11	Lebanon	Lebanon Area Fair
6-12	Honesdale	Wayne County Fair
7 11	Cochranton	Cochranton Community Fair
7 11	Greensburg	Harrold Free Fair
7 12	Pittsfield	Warren County Fair
11	Kutztown	Eastern Pennsylvania Holstein Championship Show
12 18	Huntingdon	Huntingdon County Fair
12 18	Kutztown	Kutztown Fair
12 18	Washington	Washington County Fair
12 19	Smethport	McKean County Fair

13-18	Carlisle	Carlisle Fair
13-18	Mount Pleasant	Bullskin Township Fair
13-18	Middletown	Middletown Community Fair
13-18	Washingtonville	Montour-DeLong Fair
13-18	Farmington	Mountain Area Fair
13-18	Millport	Potter County Fair
13-18	West Newton	Sewickley Township Fair
14-18	Kersey	Elk County Fair
14-18	New Castle	Lawrence County Fair
14-18	Whitneyville	Tioga County Fair
14-18	Franklin	Venango County Fair
15-19	Schuylkill Haven	Schuylkill County Fair
16-18	Clinton	Findlay Township Community Fair
16-18	Wrightstown	Middletown Grange Fair
18	Huntingdon	Central Pennsylvania Holstein Championship Show
18	Carlisle	South Central Pennsylvania Holstein Championship Show
18-21	Dawson	Dawson Grange Fair
19-25	Bangor	Blue Valley Farm Show
19-25	Emporium	Cameron County Fair
19-25	Meadville	Crawford County Fair
19-25	Chambersburg	Franklin County Fair
19-25	McConnellsburg	Fulton County Fair
19-25	Meyersdale	Somerset County Fair
20-25	Dayton	Dayton Fair
20-25	Greenville	Transfer Harvest Fair
20-25	Greensburg	Westmoreland County Fair
20 26	Lehighton	Carbon County Fair
21	Troy	Northeastern Pennsylvania Holstein Championship Show
21 23	State College	Ag Progress Days
21-25	Harford	Harford Fair
21-25	Hookstown	Hookstown Grange Fair
21 25	Newport	Perry County Fair
23-25	Sewickley	Mount Nebo Grange Fair
24 30	Centre Hall	Centre County Grange Fair
27-Sept 1	Indiana	Indiana County Fair
27 Sept 1	Wattsburg	Wattsburg Fair
27-Sept 1	Gilbert	West End Fair
28-Sept 1	Elizabethtown	Elizabethtown Community Fair
28-Sept 1	Forksville	Sullivan County Fair
28-Sept 3	Allentown	Allentown Fair
28-Sept 3	Newfoundland	Greene-Dreher-Sterling Fair
29-Sept 1	Rochester	Big Knob Grange Fair
29 Sept 3	Stoneboro	Great Stoneboro Fair
30 Sept 3	Arendtsville	South Mountain Fair

SEPTEMBER

1 8	Port Royal	Juniata County Fair
2 8	Spartansburg	Spartansburg Community Fair
3 8	Ebensburg	Cambria County Fair
3 8	Home	Ox Hill Fair
3 8	Waterford	Waterford Community Fair
3 8	West Alexander	West Alexander Fair
4 8	Jamestown	Jamestown Fair
5 9	Dallas	Luzerne County Fair
7 15	York	York Inter State Fair
10 13	Bellwood	Bellwood Antis Township Fair
10 13	Claysburg	Claysburg Area Farm Show
10 15	Commodore	Green Township Fair (Cookport Fair)
11 15	Albion	Albion Area Fair
12 15	Berlin	Berlin Brothersvalley Fair
12 15	Altoona	Sinking Valley Fair
12 17	Williamsburg	Williamsburg Farm Show
17-22	Beaver Springs	Beaver Community Fair



17-22	Gratz	Gratz Fair
18-22	Westover	Harmony Grange Fair
19-21	North East	North East Community Fair
19-21	Quarryville	Southern Lancaster County Fair
20 22	Oley	Oley Valley Fair
24 28	Harrisburg	All American Dairy Show
24 29	Bloomsburg	Bloomsburg Fair
24 29	Reading	Reading Fair
25 28	Martinsburg	Morrison Cove Community Fair
25-29	Ephrata	Ephrata Fair
26-28	Lampeter	West Lampeter Fair
27 30	Hegins	Tri Valley Fair

OCTOBER

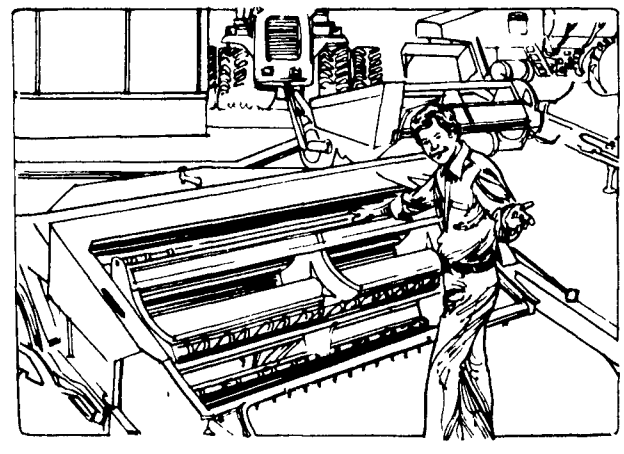
1 4	Hollidaysburg	Hollidaysburg Community Fair
3-6	New Holland	New Holland Farmers Fair
5 7	Uniontown	Uniontown Poultry & Farm Show
8-12	Manheim	Manheim Community Fair
10 13	Unionville	Unionville Community Fair
18-20	Dillsburg	Dillsburg Community Fair

NOVEMBER

2-7	Harrisburg	Keystone International Livestock Exposition

JANUARY, 1985

13 18	Harrisburg	Pennsylvania Farm Show



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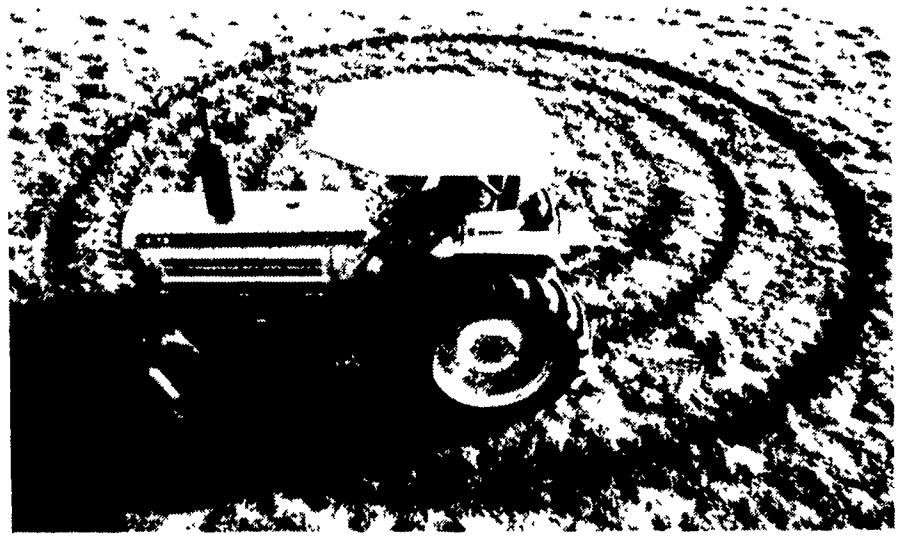
LEADS THE WAY IN FRONT WHEEL DRIVE TURNING RADIUS

MINIMUM TURNING RADIUS FRONT AXLE ENGAGED, BRAKE APPLIED

WFE 2-88, 2-110	**12.9 ft.**
WFE 2-135, 2-155, 2-180	**13.2 ft.**
AC 8010, 8030, 8050	13.3 ft.
IHC 5000 Series	13.5 ft.
JD 4050, 4250, 4450	15.8 ft.
Case 2090, 2290	16.4 ft.
JD 4650, 4850	16.4 ft.
Ford TW-5, TW-15, TW-25	16.7 ft.
Ford TW-35	17.4 ft.

As You Can See, The 2-88, 2-110, 2-135, 2-155 and 2-180 Tractors Lead The Field In The Area of Minimum Turning Radius.



In Addition To The Numbers Everybody Else Talks About, White Farm Equipment Also Offers:

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- LARGER BEARINGS in the steering and oscillation pivots to easily absorb the axle torque. WIDELY SPREAD steering and oscillation BEARINGS add to this advantage.
- COMPLETELY ENCLOSED constant velocity drives to keep out dirt and other contaminants.
- Over 20 years of continuous mechanical power front axle experience means reliability.

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When wet spots or other tough areas slow you down, a quick shift into four wheel drive can make all the difference. And all it takes is a Power Front Axle option on your 2-70, 2-110, 2-135, 2-155 or 2-180 Field Boss® tractor.

4WD is not created equal. If you think all Power Front Axles are the same, look again. Most tractors use the engine as part of the structural frame, Adding four wheel drive puts a lot of stress on the engine block. We think too much stress.

It's one reason why every Field Boss has a separate main frame casting. The engine is cradled inside it. Besides adding hundreds of pounds of working weight to the tractor, this separate main frame handles the extra stress of the four-wheel-drive.

See what over 21 years of success in four-wheel drive tractors can mean. Drop into the dealership for a look at a Field Boss with Power Front Axle. Today.

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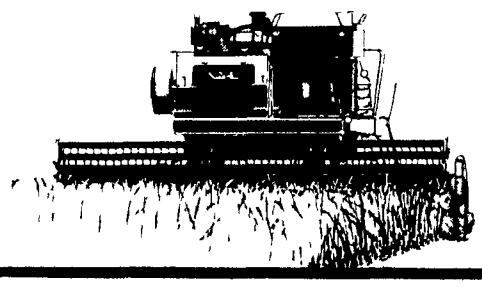

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Chester County DHIA Monthly Report

dhia Pennsylvania Dairy Herd Improvement Association

May Report

The cow with high fat was owned by Melwood Farm
The cow with high milk was owned by Mark & Melody Stoltzfus

OWNER	BREED	NO COWS	% DAYS IN MILK	LBS MILK	% FAT	LBS FAT
Melwood Farm	3	36 5	88 5	22 226		865
Dunwood Farm	3	55 5	89 7	20,524		839
Ardrossan Farms	1	121 8	88 2	19,167		812
H&R Mason	3	106 2	89 0	20,344		763
Robert E Pepple	3	67 4	83 9	19,401		753
John S Stoltzfus	3	71 6	87 4	19,338		742
Paul King	3	75 5	89 9	19,524		739
Joseph Lusby	B3	43 0	87 7	18,999		739
Vernon Guest&Son	B3	89 3	89 0	18,933		738
Maplesway Farm	3	70 5	88 6	19,991		731
Jonas B Stoltzfus	3	46 7	88 1	18 794		726
Willowland Farm	3	59 4	87 6	19,210		724
J Harold Bare	3	62 7	86 0	19,074		723
Herman Stoltzfus	3	59 6	86 0	18,821		723
David E Weaver	3	90 0	86 8	18,289		720
Bright Meadows	B3	67 4	83 2	18 288		707
Kenneth Umble	3	58 9	88 4	18,814		707
Mast Stoltzfus	B3	45 3	85 7	18,546		707
Breck A Df Farm	3	78 2	85 7	18,399		705
Ben Beiler&Barlow	3	83 2	89 9	17,667		702
George P Lamborn	3	36 1	88 8	19,365		701
Lester Eby	3	58 3	85 6	18,804		699
Kulp Bros	G3	87 5	88 7	18 748		699
Pei Valle Farm	B3	60 2	89 5	17 887		697
Floyd Miller&Sons	B3	69 1	87 2	18,330		692
Jefferson D Yoder	3	67 3	88 2	18,357		692
Arthur D Hershey	3	49 6	86 7	17,808		689
Hargret Dairy Inc	B3	48 5	86 2	18,990		687
Chris&Ches Stoltzfus	3	57 0	86 7	18,738		687
Charles J Moore	B3	48 3	83 7	19,300		686
Mrs John B Hannum 3D	G3	80 6	87 1	18,375		684
David K Stoltzfus	B3	45 5	83 1	17,889		682
Richard Proud&Son	B3	65 2	89 0	18,212		681
David&Dawn Windle	3	49 4	87 1	18 320		679
Glen H Freese	3	71 2	84 4	18,091		677
Mark&Melody Stoltzfs	B3	43 0	84 2	16 749		677
Calvin R Blank	B3	55 7	90 3	18,627		675
Donald M Horning	B3	40 0	87 7	17 844		675
Harold R Kulp	B3	78 3	88 3	17,674		673
Louis C Neyman	G3	32 1	92 5	17 255		671
Elmer A Mast	B3	83 5	86 5	17 350		671
Swan View	3	60 0	86 5	18,370		670
Abner R King	B3	36 5	83 6	16 997		669
Round Top Farm	B3	83 6	84 0	19 023		667
Richard Hostetter	B3	73 0	84 3	17 492		657
James V Yale	B3	67 0	88 9	15,972		656
Wilmer L Hostetter	B3	53 2	84 4	18,064		655
Ronald F Elliott	B3	60 8	88 0	16,449		650
Daniel M Stoltzfus	B3	46 1	84 4	17 276		650
Donald L Kauffman	B3	64 5	86 0	18 061		650

Denotes 3 times a day milking

OWNER NAME OR NUMBER		DAYS IN MILK	LBS MILK	% FAT	LBS FAT
Melwood Farm					
Princes	3	6 7	305	24 399	5 2	1268
Dunwood Farm					
Jewel	3	4 8	305	24,800	4 3	1075
Star Et	3	3 4	305	21 980	4 6	1009
H&R Mason					
58B	3	3 6	305	22 506	4 3	961
13G	3	5 0	305	23 977	3 8	906
59G	3	3 8	305	21,307	3 8	808
44M	3	7 6	305	23 099	3 5	805
Arthur D Hershey					
Angie 19	3	5 7	305	26,089	3 6	940
Ben Beiler&T Barlow					
Nelly 13	3	3 1	305	21 833	4 3	934
Mark&Melody Stoltzfus					
Farrah	3	6 3	297	26 933	3 4	929
Herman Stoltzfus					
Bell 5	3	4 8	305	23 213	4 0	924
Kulp Bros					
248	3	4 11	305	21,495	4 3	920
213	3	6 3	287	19,618	4 3	838
151	3	7 6	305	20,805	3 9	805
Maplesway Farm					
Patty	3	6-4	305	22,807	4 0	918
Breck-A-De Farm					
33	3	6-6	305	21,863	4 1	901
41	3	5-8	305	24,056	3 7	886
Portia	3	7 4	305	21,878	4 0	866
60	3	6-0	305	21,506	3 9	839
Gottlieb Strohmaier					
Millie	3	8 5	305	20,069	4 5	900
David E Weaver					
Blinky	3	7 5	305	21,690	4 1	895
Whisper	3	3 10	305	20,689	4 3	883
Floyd Miller&Sons					
15	3	6 8	305	23,010	3 8	884
Ardrossan Farms					
Mbchime	1	5 5	305	20,952	4 2	881
Aroster	1	6 9	305	19 746	4 4	875
Justvue	1	3 5	305	18 736	4 6	861
Slucete	1	4 4	305	19 880	4 3	850
Snoquen	1	4 10	305	20,825	4 0	828
Ktrying	1	3 3	224	19,894	4 1	809
Harold R Kulp					
Fern	3	3 8	305	25 278	3 5	876
Wilmo	3	4 1	305	20,800	3 9	813
Vernon Guest&Son					
Trinka	3	6 3	305	19,887	4 4	875
Merle J King					
Mend	3	6 5	305	23 518	3 7	873
Richard Hostetter					
79	3	7 4	305	22 141	3 9	869
J Elvin Ranck					
Sharon	3	4 8	305	20 589	4 2	869
Jonas B Stoltzfus					
Pretze	3	3 10	305	20 942	4 1	861
Jefferson D Yoder					
31	3	4 10	305	22,287	3 8	854
Spring Aqua Farm					
159	3	5 2	305	20 040	4 3	854
Mrs John B Hannum 3D					
226	3	4 9	305	19 939	4 2	840
304	3	2 0	305	22 452	3 6	806
Glen H Freese					
Buffy 27	3	5 7	305	19,396	4 3	837
Willowland Farm					
Karan	3	4 11	305	23 131	3 6	834
Bright Meadows					
79	3	5 8	302	21 278	3 9	823
Horace Prange					
Betsy	3	7 0	305	18 892	4 4	822
Landis S Reid					
2	3	4 1	305	20 389	4 0	817
Richard Hoover					
10	3	5 4	305	24 093	3 4	814

(Turn to Page D17)

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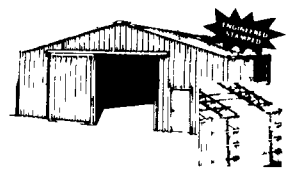

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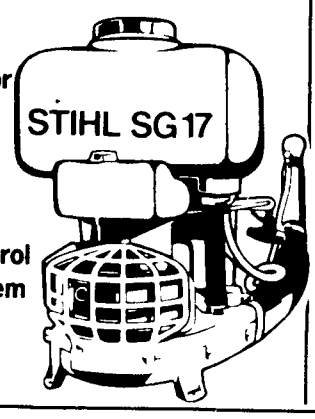

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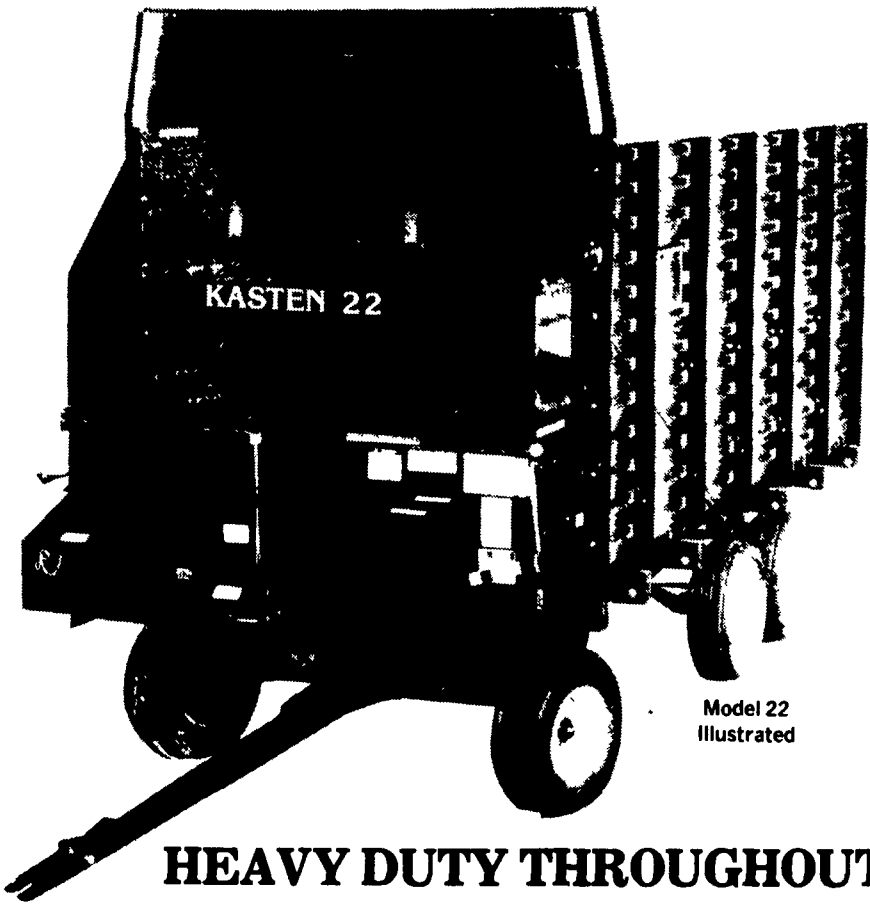

Model 22 Illustrated

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Franklin County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

May, 1984

Rolling Herd Averages
Above 650 Lbs Butterfat

NAME	BRD	NO COWS	LBS MILK	LBS FAT
Clinton Stahl	B3	53	20 684	758
Oakleigh Farm	3	104	19 340	755
RV&SV Hollenshead	B3	32	21 126	749
John A Witmer	B3	37	19,623	722
Richard Harshman&Son	3	73	19 545	721
Ray Wingert	3	51	18 029	720
Wayne A Hall	3	38	19,028	719
Marv Adams&Sons	3	42	19,468	717
Kenneth E Oliver	3	30	17,803	715
Harold Goshorn	G3	73	18,386	713
Rebeken Farm	B3	93	18,980	711
RV&SV Hollenshead#2	B3	63	19,932	710
Alvin Meyers	3	54	18,084	709
Burk Lea Farms	3	126	19,599	707
Carl O Stuff	B3	48	20,074	703
Dennis W Bricker	B3	34	19,400	703
Preston M Frey	B3	35	18,572	700
Wayne L Beidel	3	51	18,068	698
Keeners Dairy	B3	115	17,679	696
Harold L Wenger	3	31	18,221	693
J Eldon Crider	3	52	18,322	691
Lawrence Lehman	G3	64	17,641	689
William E Swailes	B3	94	18,408	689
JC Young Jr&Son	3	59	18,236	688
Aldus Eby	B3	56	20,199	688
Kenneth L Caufman	B3	36	17,258	687
H Lester Oyler Est	3	74	17,905	676
Edwin R Eby	B3	58	17,703	675
Mark W Meyers	3	85	17,995	672
Gaymere Farms	3	176	17,468	672
RC&JR Shoemaker	3	44	17,251	668
George Skelly	3	73	17,729	665
Norlo Farm	3	135	18,321	659
Donald L Brechbill	B3	33	17,704	659
Virgil H Crider	B3	83	17,734	658
Glenn L Kuhns	B3	43	17,249	658
Culbertson Green Farm	B3	103	18,525	657
Fred E & Dale Rice	3	163	17,622	651

Listed below are completed lactations of 850 lbs. of butterfat or over.

OWNER NAME OR NUMBER	BRD	AGE		LBS MILK	% FAT	LBS FAT
Busydale Farm 29	GH	3 6	305	21,196	4 5	957
Fred E & Dale Rice 319	RH	6 1	305	23 481	4 0	933
Lawrence Lehman 37	GH	4 10	305	24 755	3 7	927
H Lester Oyler Est Eva 35	RH	4 7	305	22 924	4 0	920
Oakleigh Farm Joy	RH	6 6	305	25,452	3 6	911
A Dennis Harshman Wendy	GH	7 5	305	24 031	3 8	905
Clinton Stahl 43	GH	5 5	305	22 303	4 1	904
Joseph Long & Sons 48	GH	8 5	305	20 663	4 3	898
Roy Kendig Karl 155	RH	6 0	305	19 963	4 5	894
Edwin R Eby 46	RH	6 7	305	19 673	4 5	890
Richard Harshman & Son Martin 52	RH	5 4	305	24 365	3 6	885
William E Swailes 36	GH	5 4	305	21 876	4 0	878
Gaymere Farms 7	RH	3 0	305	20 385	4 3	876
Criderdale Farm Sally 65	RH	3 3	305	22,806	3 8	867
Daniel D Eberly 79	RH	7 4	305	20 055	4 3	861
Keeners Dairy 125	RH	4 3	305	19 686	4 4	857

CENTRE COUNTY DHIA
May Report

The high herd in the Centre County DHIA for May was Valley Wide Farm, R2 Spring Mills The Valley Wide herd of 79 cows had a rolling herd average of 21,393 pounds of milk and 819 pounds of butterfat with 87 6 percent days in milk

Richard Trinca	53	87 2	20,297	779
Paul Hartle	37	87 7	20,512	775
Stringers Sand Ridge	66	87 2	19,465	774
Joseph Hartle Jr	70	88 4	20,517	765
L Thomas Musser	44	89 9	19,191	757
Richard & James Graham	104	86 9	20,365	750
Jay Houser	62	90 6	20,648	742
Evan&Ricky Homan	58	86 0	19,303	727
Glenn&Robin Gorrell	44	88 0	19,791	719
Jesse&Mary Burkholder	41	87 6	19,899	713
Paul Vonada	61	88 3	18,292	712
Pond Dale Farms	70	88 3	19,072	710
Rodney Reese	97	88 8	18,637	705
Reesebrook Farms	114	86 5	18,260	699
Daniel&William Boob	71	86 9	18,239	698
James Houtz	49	86 0	18,443	695
James&Susan Howes	44	87 2	18,143	694
John Ishler	67	87 9	18,707	687
G Kenneth Nolan	36	88 9	19,553	681
Bruce Ulmer	58	88 2	18,809	681
George&Ron Zimmerman	33	88 5	17,760	679
Carl Gates	39	85 1	18 527	676
Murmac Farms	59	88 2	19,476	661
Lynn&Margaret Neer	94	84 6	17,574	658
Fred Burris	31	85 4	17 326	651

Denotes 3 times a day milking

During the month there were 103 herds with 5,416 cows processed in DHIA program, according to Russel C Seward County Agent Production ranged from a high of 60 1 pounds of milk testing 3 9 percent fat, to a low of 22 3 pounds of milk testing 4 7 percent fat

In the owner sampler program there were 13 herds with 509 cows being processed The herds ranged from a high of 53 1 pounds of milk testing 3 7 percent fat, to a low of 22 5 pounds of milk, testing 3 4 percent fat

The ten high individual cow actual production records in DHIA produced on a two times a day milking in 305 days or less (unless otherwise indicated) were in the following herds

Joseph Hartle Jr	24 430	3 9	951
Mingo Meadow Farms	22,241	4 0	893
Stringers Sand Ridge	20 660	4 0	824
Valley Wide Farm	21,008	3 9	822
L Thomas Musser	20,827	3 9	817
L&R Hough	21,860	3 7	815
Tussey View Farms	23,831	3 4	813
Richard&James Graham	23,039	3 5	812
Jerry Wright	26,570	3 1	811
G Kenneth Nolan	18,783	4 3	811

Note. All Animals And Herds Are Holstein Unless Otherwise Noted

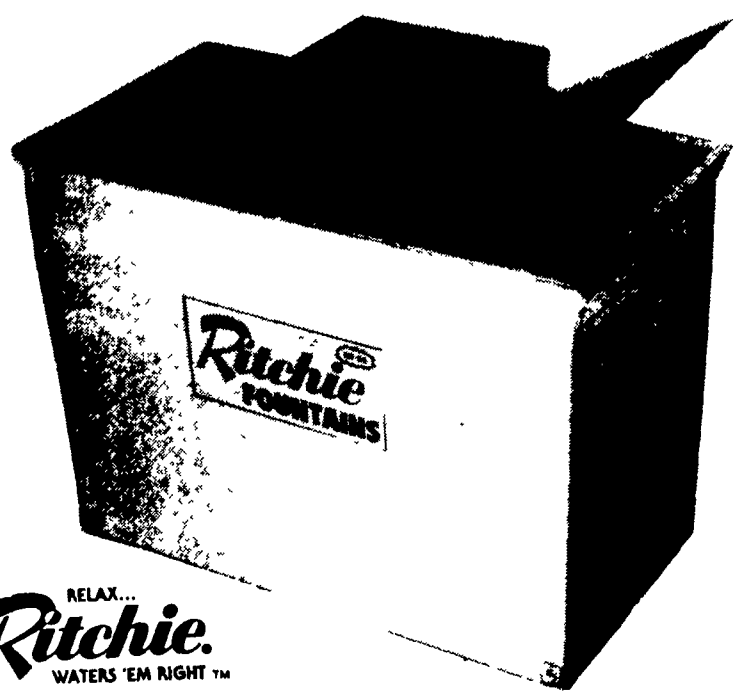
The high goat herd for the month was
Sinking Springs Farm 9 6 4 0

Chester Co. DHIA

(Continued from Page D16)

Timberview Farm Smokey	3	7-11	305	18,269	4 4	809
Wilkinson Farm#1 1419	3	4 0	305	22,030	3 7	808
Calvin S Kurtz 47	3	2 11	305	21,298	3 8	808
Bryncoed Farms Inc A10	3	4 10	305	22,339	3 6	805
Chris&Ches Stoltzfus Lula	3	7 4	305	20,853	3 9	805
David L Pierce 152	3	7-1	305	22,206	3 6	804

WATER THAT WON'T QUIT



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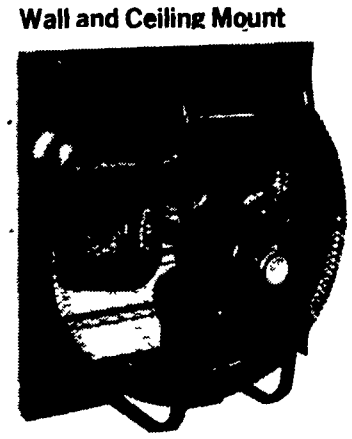
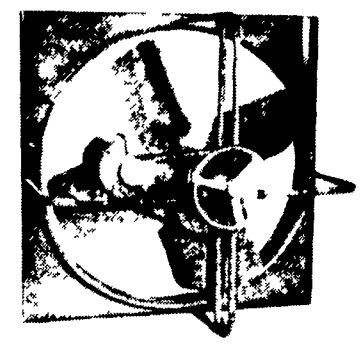


12 to 24 inch Direct Drive



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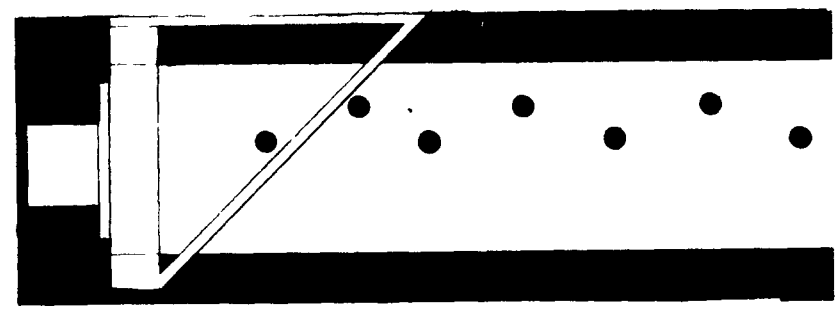

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Juniata County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

May Report

The May 1984 report of the Juniata County Dairy Herd Improvement Association is as follows:

Records were calculated for 3,741 cows in 76 herds.

The ten highest Rolling Herd Averages for the most recent 12 months of production are:

James C Graham	31H	88 3	19,609	762
Barry E Lucas	41H	85 4	18,690	745
Mark L Zook	53H	89 1	19,706	743
Harold B Shearer	39H	85 0	18,981	716
Marvin E Pontius	33H	86 4	18,080	692
Rodney-Brenda Conrad	42H	89 1	17,502	688
Larry&David Noss	61H	85 9	18,055	684
Charles C Saner	56H	85 4	17,851	683
Rick&Ralph Saner	48H	86 3	18,918	683
Charles Wochley	61H	88 1	17,269	682

Two hundred ninety-three cows completed records of 305 days or less. One of these cows produced over 1000 lbs. of butterfat; 2 produced over 900 lbs.; 14 produced over 800 lbs. 27 produced over 700 lbs.; 62 produced over 600 lbs.; and 81 produced over 500 lbs.

Dairy cows which completed lactations with an average butterfat of 850 pounds or more are listed below. The owner's name and address, cow's name, pounds milk and pounds butterfat are given in order

Barry E Lucas		
87	24 444	1 085
Larry&David Noss		
6	20 606	976
35A	22 423	880
Harold B Shearer		
Fanny	25 391	972
SF Metz		
Jodie	22 471	888
C Arthur Zug		
20	21 135	875
W Harshbarger&Sons		
Snoopy	18,384	875
Mark L Zook		
Arlinda	22,387	870
Bubbles	21,463	860
Sally	20,396	851
James C Graham		
Carrie	21,606	870
Glen B Simonton		
176 Enny	21 798	858

Mifflin County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

May Report

Herds 650 Lbs Fat & Over

NAME	BRD	NO COWS	% COW DAYS IN MILK	LBS. MILK	LBS FAT
E Clair Fisher	H	51 3	91 4	19 984	783
Percy S&R Glenn Yoder	H	81 2	87 5	19,008	749
John A Peachey	H	55 5	88 1	20,350	741
Vern Lee Russel Kline	H	43 6	85 7	19,442	727
Paul J Zook	H	51 4	87 5	19 978	724
Bradstead Farm	H	37 0	91 0	19,023	720
James L Hostetter	H	45 9	91 2	18,102	716
David T Hostetler	H	34 7	90 6	18 723	711
Sylvanus S Peachey	H	87 5	90 5	19,046	709
Charles L Forgy	H	49 9	89 2	19 157	707
Joshua D Yoder	H	52 1	89 3	18,682	699
John B Peachey	H	66 6	90 8	18,230	688
Robert Stayrook	H	29 3	90 1	18,140	687
G Sheldon Peachey	H	42 1	86 0	18,795	685
James G Laughlin	H	43 1	87 6	18 351	684
Mark S Yoder	H	91 9	87 9	17 292	682
Louis S Peachey Jr	H	54 8	84 8	17,573	679
Paul H Yoder	H	55 6	87 5	17,965	679
Peachee Farms	H	74 5	87 9	17 842	679
Fred C Myers	H	23 0	90 2	16 147	673
John L King	H	47 9	89 6	17,284	671
Marvin E Peachey	H	55 6	86 8	17,750	668
Kore J Peachey	H	56 4	89 4	17 869	668
Aquilla I Yoder	H	81 8	87 1	17,530	664
Leroy Kauffman	H	49 9	89 6	17,872	660
Louis S Yoder	H	44 0	89 3	17,671	660
David R Spicher	H	75 5	92 1	17,704	657
John M Byler Jr	H	39 3	85 9	17,995	657
James O Reed	H	31 6	89 2	16 801	653
John A Yoder	H	38 9	87 4	17,996	652
J Irvin Zook	H	39 3	88 6	18,664	652
John Y Bawel	H	15 0	90 6	17,149	652
David L Mitchell	H	93 2	85 8	18,248	652
John K Kauffman	H	79 8	87 0	19,052	651

High Cows and Heifers 750 Lbs Fat & Over

OWNER NAME OR NO	BREED	AGE	LBS MILK	LBS FAT
Paul J Zook				
Jona	H	6 1	25 380	831
Apple	H	4 11	22 510	814
Connie	H	2 11	21 552	786
Percy S&R Glenn Yoder				
Gloria	H	8 1	21 562	799
Charlen	H	5 3	23,998	839
Marge	H	4 8	21 521	908
Leroy Kauffman				
Savilla	H	7 11	17 533	797
Julia A King				
Misty	H	6 5	19,849	757
John A Peachey				
Candy	H	7 8	23 695	793
Iva	H	6 8	26 118	1041
Joshua D Yoder				
Shirley	H	5 7	24 093	805
L J Dunmire Sons				
#423	H	7 3	24 049	783
#468	H	4 9	21 375	759
#477	H	5 1	18,984	758
John K Kauffman				
Sharon	H	6 8	21 700	764
Rosella	H	5 4	22 480	951
James L Hostetter				
Sadie	H	5 2	22 354	770
Mark S Yoder				
#462	H	5 10	21 482	952
Simon & Allen Peachy				
#4	H	4 8	24 553	779
#7	H	4 5	21 107	790
John B Peachey				
#130	H	3 3	21 078	966
#115	H	3 0	19,065	776
Louis S Peachey Jr				
#13	H	5 0	23 918	782
#91	H	4 7	19 334	779
#52	H	3 2	19 945	780

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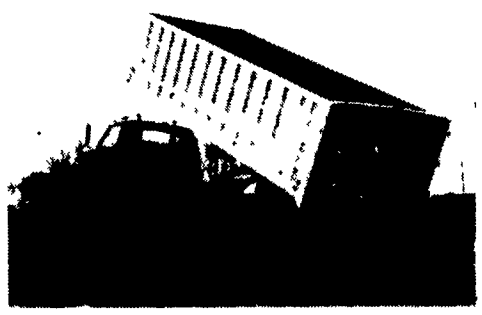

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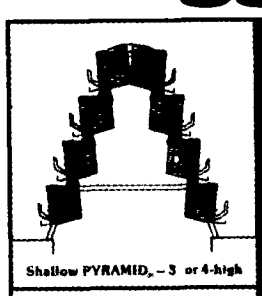

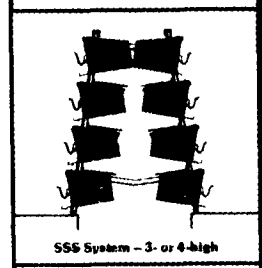

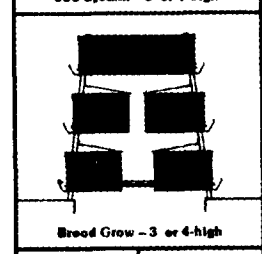

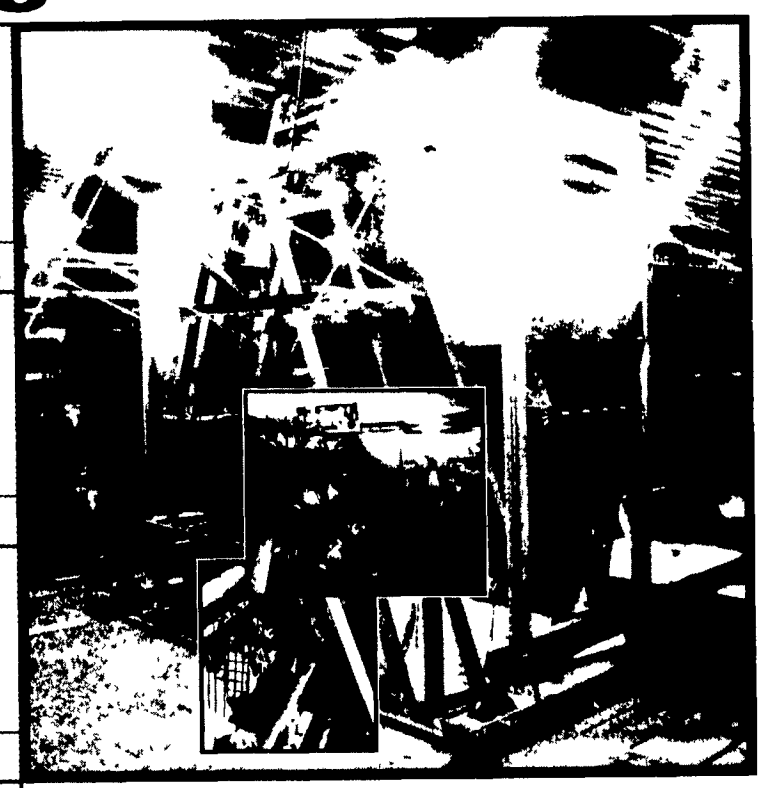

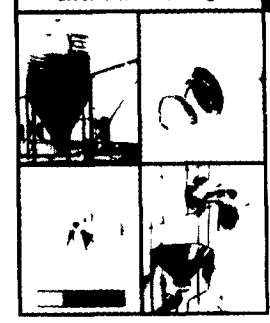

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Bill would amend farm realty tax

HARRISBURG — Legislation of importance to family farms in Pennsylvania was reported unanimously out of the Senate Finance Committee on June 26, reports Senator Noah W. Wenger, R-36, prime sponsor of the bill.

"Preserving the family farm in Pennsylvania is one of the most important jobs we have here in the legislature," comments Wenger, who serves as vice-chairman of the Senate Agriculture and Rural Affairs Committee. "This bill will be another tool farmers can use to keep their farms in agriculture."

Senate Bill 1005 amends the state's Tax Reform Code to exempt family farms from having to pay the realty transfer tax when the farm is transfered from a sole proprietor family member to a family farm corporation. Currently the law requires this transfer tax to be paid, explains Wenger.

"So that this legislation is used for the purpose for which it was intended, we've built in a requirement that none of the family farm corporation's stock can be sold to a non-family member," says the senator. "If that ever happens within a period of ten years from the time the farm is incorporated, the tax exemption status is lost and the corporation will have to pay the transfer fee."

According to the state's Department of Revenue figures, the amount of tax revenues that will be lost through this tax exemption for family farm corporations amounts to $350,000.

"That's a small price to attach to a law that will ensure all Pennsylvanians will have a fresh and abundant supply of food for generations to come as our family farmers continue to feed our state, the nation, and the world by tilling our fertile Pennsylvania soils," concludes Wenger.

Senate Bill 1005 will now be considered by the full Senate.

Red meat drops 1 percent

HARRISBURG — Pennsylvania's commercial red meat production, dressed weight basis, during May totaled 79.6 million pounds, down one percent from May 1983, according to the Pennsylvania Crop and Livestock Reporting service.

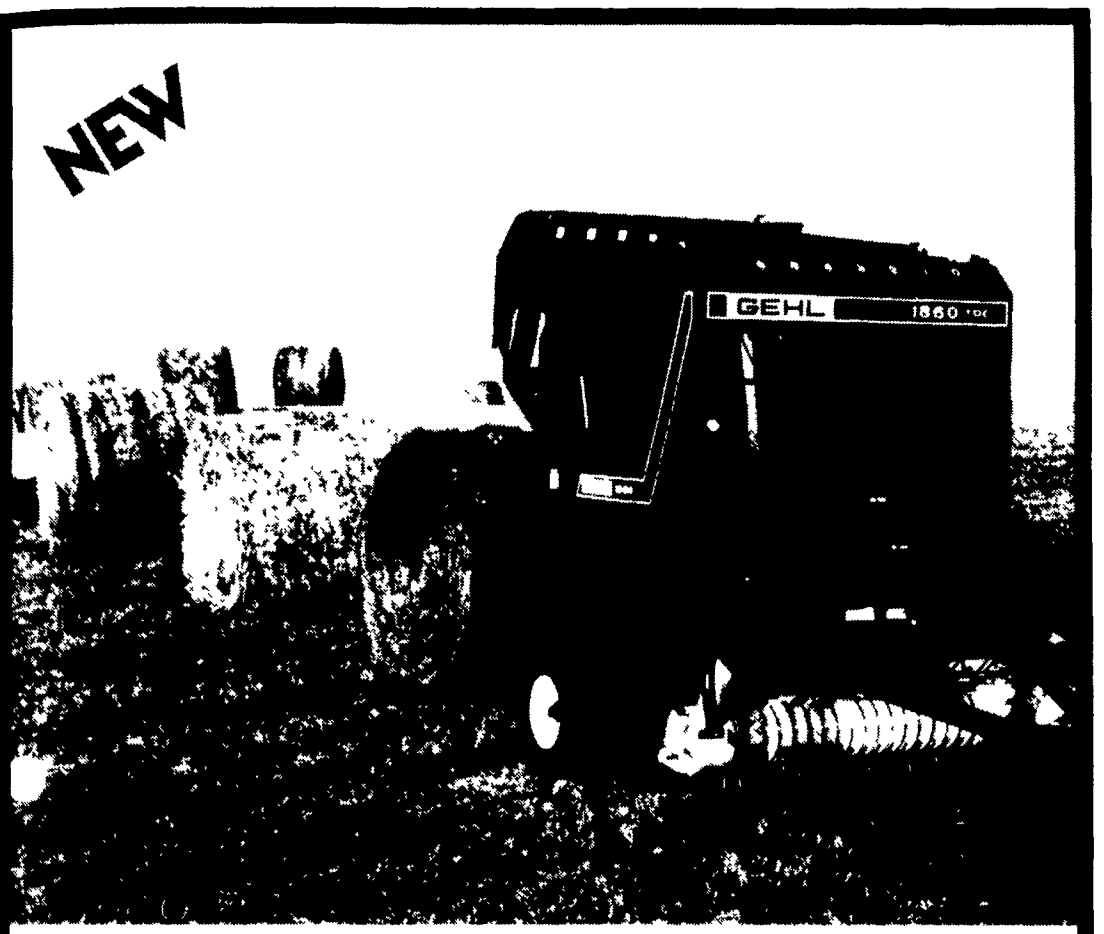
Beef slaughter, at 94.5 million pounds liveweight, was up five percent from May 1983. Total head slaughtered was 83,700, up six percent. Liveweight averaged 1,128 pounds, a decrease of 11 pounds. Veal slaughter was 3.5 million pounds liveweight, down 10 percent. Calf slaughter at 19,800 head was down eight percent, and the average liveweight decreased four pounds to 176 pounds.

Hog slaughter, at 36 million pounds liveweight, was down 10 percent from a year earlier. Total head slaughtered at 153,400, was down 11 percent, and average liveweight decreased four pounds to 235 pounds. Lamb and mutton slaughter was 1.5 million pounds liveweight, up nine percent. The number slaughtered, at 14,900 was up six percent, and the average liveweight increased three pounds to 101 pounds.

U.S. commercial red meat production in May totaled 3.41 billion, up eight percent from May 1983.

U.S. beef production at 2.06 billion pounds was up 11 percent from last May. Total head killed, at 3.3 million, was up 12 percent, while average liveweight decreased three pounds to 1,063. Veal production, at 39 million pounds, increased 22 percent from a year ago. Calf slaughter at 255,000 head was up 19 percent, with an average liveweight increase of three pounds to 257.

U.S. pork production in May totaled 1.28 billion pounds, up three percent from a year ago. The 7.37 million head killed was up three percent, and average liveweight remained unchanged at 245. Lamb and mutton production increased three percent to 31 million pounds.



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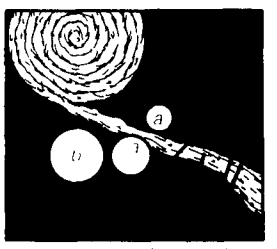

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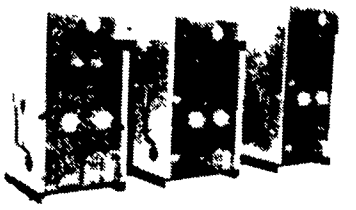

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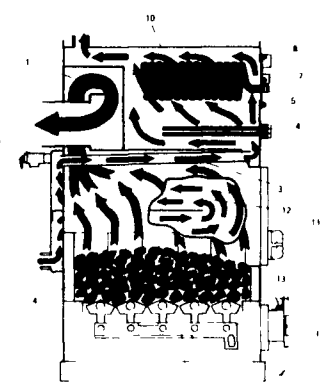

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Farm Talk

by
Jerry Webb
Delaware Extension

If you ask the typical farmer why he owns so much machinery, he'll talk about the need for timeliness and the size of his operation and how efficient he has become because of his big machines. But when it gets right down to it, I think many farmers have lots of machinery because they like machinery. In fact, that might be the whole reason why they farm, and if they weren't farmers maybe they'd be road builders or they'd run trucking companies. They simply like machinery and they always have. What's wrong with that? When they were little boys they preferred toy trucks and toy tractors to dolls and baseballs. And as they grew older they found themselves riding on farm tractors pretending they were farming rather than practicing the piano or flying kites.

And so now that they are grown up and when they've had a good crop year, instead of buying tax-sheltered securities they purchase new combines. No matter that the old ones are only four years old, they can justify new ones for business purposes. They can save some tax dollars, and besides that they like new combines.

Farmers haven't always been fascinated with machines. If you go back far enough in history you get to the time when the only farm implements were a few hand tools and crooked sticks that were pulled by oxen. The first settlers in this country had very little of what could be called machinery. The tilled their small farms, mostly with hand labor, and they tended their livestock and otherwise maintained themselves on the land.

The settlers who went west in the 1700s and early 1800s took very little in the way of farm implements with them. Records show that as late as the 1820s it took 50 to 60 man hours of labor to produce an acre of wheat. During that period farmers were using walking plows. They smoothed their ground with brush tied together to form a harrow. Seeding was done by hand, harvesting with a sickle. The only thresher was a hand flail.

It took the Civil War and the accompanying manpower shortage and improved agricultural prices to cause an agricultural revolution. Farmers very quickly grabbed on to the many inventions that were available to them. That's when the horsepower era really got under way and farmers started buying grain drills, binders, hay balers, cultivators, even threshing machines. Productivity took an enormous leap. By the turn of the century only eight to ten man hours of labor were needed to produce an acre of wheat. And a farmer of that period was using a gang plow, a seeder, a harrow, a binder, a thresher, a wagon – all horse drawn.

Then all sorts of motor driven devices started popping up – steam powered traction engines, gasoline powered tractors, lightweight farm tractors. But again it took a war, in this case World War I, to get farmers to switch over to the new methods of farming. Since then most farmers have been hooked by farm machinery and all the joys and benefits it can bring.

Not all farmers approached mechanized agriculture with the same enthusiasm. I remember the contrast between two of our Missouri Ozarks neighbors – the McCafferty brothers across the road and Curt Williams, who lived a couple of miles down the road. Curt liked horses and mules and cared very little for machinery. You could tell by looking at his place. He had plenty of livestock and not much machinery. What he had was old and worn and it sat out in the barn lot rusting. Every spring he had to work for days just to get his plows to scour, his disks to turn, and his grain drill to function.

That was right before World War II when most farmers in that area were switching to tractors. Then there were the McCafferty brothers – Lester and Okel. They loved machinery. They knew how to take care of it and they knew how to use it and they farmed the biggest spread anywhere around – about 300 acres at a time when most other farmers had no more than 120. They had the first combine in the neighborhood, the first pick-up hay baler, the biggest tractor, and they were always modifying and improving the machines they bought.

Needless to say, nothing sat outside to face the harsh winter weather. They had sheds and barns for everything, and they spent their wintertime in a farm shop – the only one I had ever seen at that point with all of the tools and the equipment that you would expect in any automobile garage. That's where they spent many hours improving on the best of John Deere, McCormick Deering, Massey Harris, and all the rest.

There must still be some farmers who don't really like machinery and who see it as a necessary evil. They're the dairymen, the hog producers, the beefman of this country. Most crop farmers, on the other hand, tend to be machinery oriented. They like the feel of the new tractor, the look of a new combine, and the confidence of knowing that when they go to the field they have the equipment to get the job done.

While the American farmer's fascination with machinery has probably cost him in dollars and cents, it has also helped make him the most efficient agricultural producer in the world. So efficient, in fact, that his numbers have dwindled dramatically while his output has continued to increase. The latest figures show one American farmer feeding 75 people – 20 of them in foreign countries. And while a Russian farmer produces 33,000 pounds of raw food products annually, an American farmer produces 375,000 pounds. That's an important difference - one that must be attributed in part to the American farmer's fascination with machinery.

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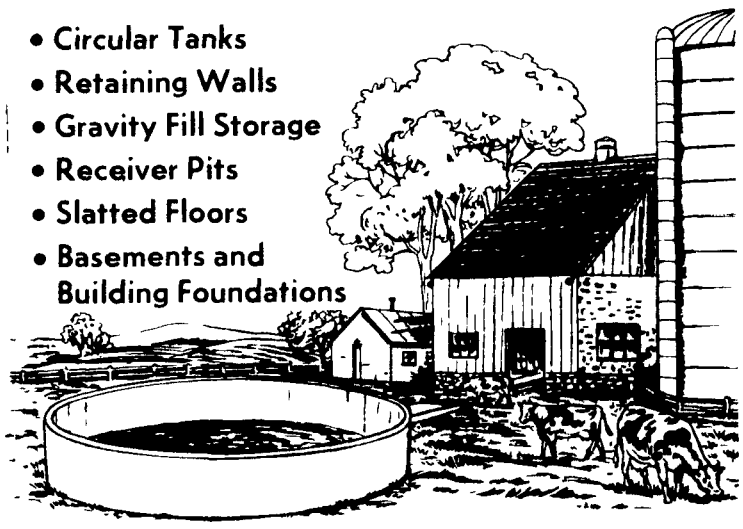

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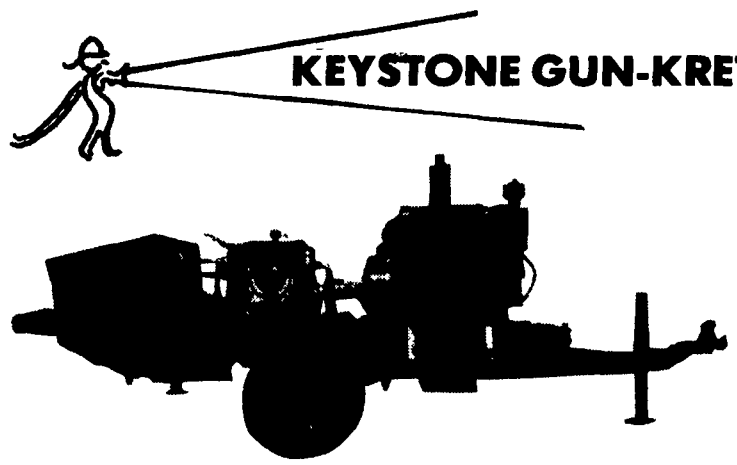

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Foraging Around

By Dr. John E. Baylor
Director of Market Development
Beachley-Hardy Seed Company

Other Small Seeded Legumes - Where do they Fit?

Alfalfa is certainly our most productive perennial forage legume - on soils where alfalfa is adapted. But there are a number of other small seeded legumes that are well adapted in the Northeast and grow satisfactorily on soils where alfalfa is not adapted. Let's take a brief look at several of these and see where they fit on today's forage and conservation programs.

Red Clover

Red Clover, the most widely grown legume in Pennsylvania, is considered a short lived, multi-cut perennial legume. It is generally both shorter lived and less productive than alfalfa. However, it is more tolerant of acid, somewhat poorly drained soils and is highly suited for short rotations. Most varieties are of the early flowering type, normally referred to as medium red clover. Red clover is one of the easiest legumes to establish using either conventional or no-till techniques.

Disease resistance, especially to northern and southern anthracnose, and possibly powdery mildew, is important in red clover varieties. Varieties with resistance or tolerance to these diseases have the potential of an extra year of production and added yield. However, even with disease resistant varieties soil borne insects such as clover root curculio may limit stand persistence beyond that one full year of production.

Mammoth red clover, the late flowering, single-cut type, usually provides one crop plus a limited aftermath. Its use in the Northeast is generally limited to plowdown and clover crop.

Birdsfoot Trefoil

This deep-rooted, perennial legume is normally less productive than alfalfa on soils where alfalfa is adapted. It is especially well suited to the less-well drained, somewhat acid soils of northern and western Pennsylvania, New York and New England. However, it has also been grown successfully in more southerly areas. It is suitable for pasture, hay and conservation plantings and is bloatfree, with no case of bloat ever recorded in animals grazing on trefoil.

Newer varieties of birdsfood trefoil such as Norcen tend to be intermediate in growth habit as compared to the more upright, early flowering Viking and more prostrate, late flowering Empire varieties.

The seedling growth rate of birdsfoot trefoil is slower than that of alfalfa or red clover. And this, along with occasional limited seed supplies of improved varieties, has discouraged many farmers from making greater use of this important legume. Hopefully, with newer, more disease resistant varieties, better seeding techniques and improved seed supplies the use of birdsfoot trefoil for forage purposes will be expanded in the years ahead.

Crownvetch

Crownvetch is the purple flowered, perennial legume that spreads by creeping roots and by seed and is the most widely used legume along Pennsylvania highways. It is later in maturity than alfalfa, red clover and the upright growing varieties of birdsfoot trefoil with forage yields similar to that of trefoil. Used primarily for road bank stabilization and land reclamation Crownvetch is also satisfactory for pasture and may likewise be harvested as silage.

The variety Penngift which originated in Pennsylvania is the primary variety that is currently commercially available. It will grow on well to moderately well drained soils and is more tolerant of acid soils than alfalfa. It does, however, respond to lime, phosphorus and potassium fertilizations.

Crownvetch is known to establish relatively slowly from seed. However, once established it spreads over a wide area producing a vigorous, dense vegetation that effectively suppresses weed growth. It is usually spring seeded on a firm, well prepared seedbed either alone or with one of several forage grasses, but may also be seeded using the no-till system.

Other small seeded legumes frequently grown in Pennsylvania and/or other Northeastern states include ladino clover, alsike clover, several clovers, lespedeza and flatpea.

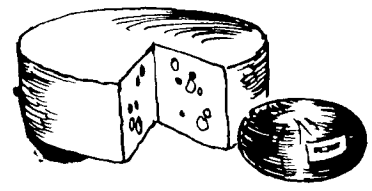
Ladino clover, a large white clover, makes a high-quality pasture for livestock, even though it can cause bloat, and does well in years with frequent rain. Unfortunately it has a shallow root system and lacks sufficient drought tolerance to survive long dry periods.

Alsike clover, on the other hand, is a weak perennial that will grow on wet, acid soils but is not normally considered an important pasture or hay plant because of its sensitivity to heat and dry soils.

Both yellow-flowered and white-flowered forms of sweetclover, mainly biennials, are marketed in this area and are used primarily for soil improvement, seldom for hay and only occasionally for silage. Commonly available varieties normally contain sizable amounts of the compound, coumarin, which gives new-mown sweetclover its characteristic odor and results in reduced palatability of the forage to livestock.

Lespedezas are used fairly widely in the south for pasture, hay and soil conservation, but are seldom used today in the Northeast. Serecia, the perennial form, is fairly coarse growing and is occasionally seeded for conservation or wildlife cover. Korean, the annual form, was at one time grown commonly in the upper south on sandy soils as an annual hay crop. Yields are generally fairly low.

You may not have heard much about flatpea. It's really not a small seeded legume and its use for forage will likely be very limited. Until the variety Lathco was recently released here in the Northeast there was very little seed of flatpea available. However, it has a spreading root system and is especially well suited for use in establishing cover under transmission lines, roadsides, spoil banks and similar areas and should be much more widely used in these areas.



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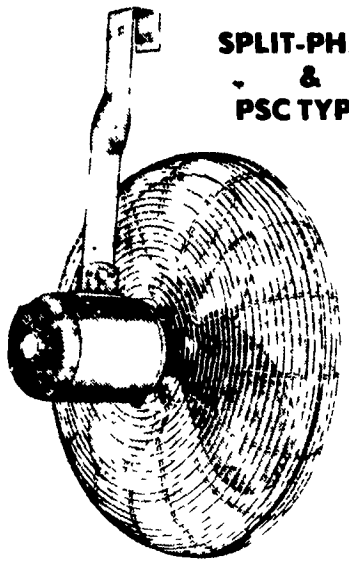

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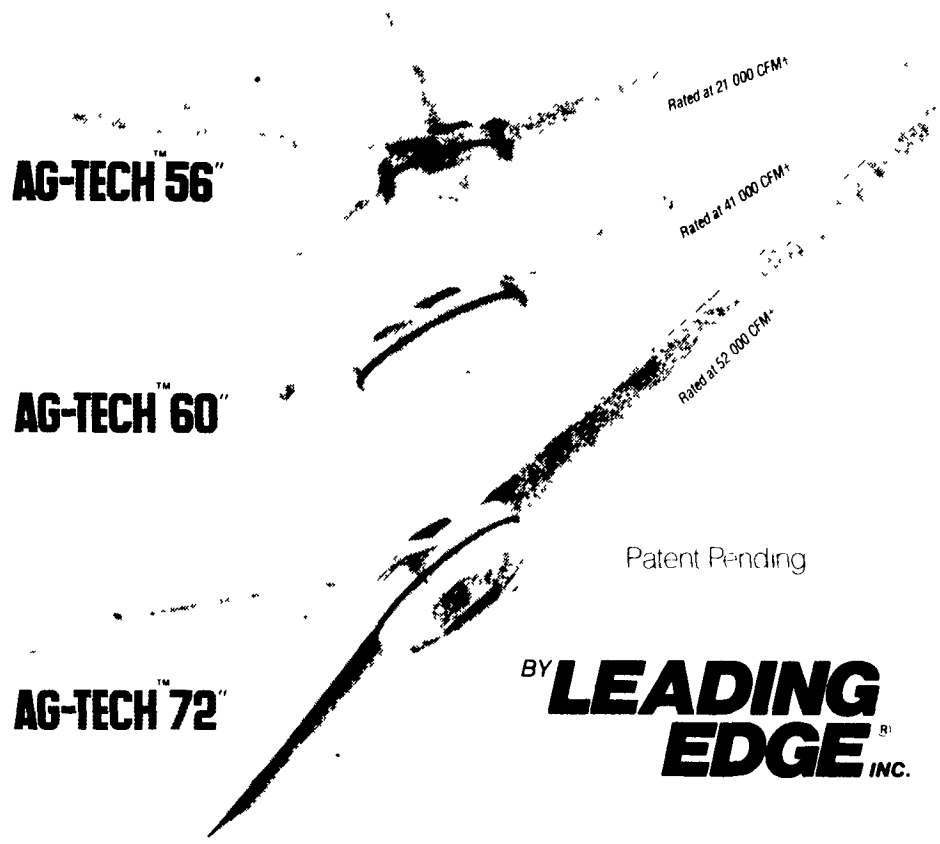

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Upper Susquehanna DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

May Report

Rolling Herd Average Above 650 Lbs. Butterfat

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Montour					
Carl R Slater&S	RH	34 2	89 6	20,684	765
PA Dept of Agric	R&GrH	111 4	85 2	18,187	709
Clifford A LeVan	RH	19 9	87 0	16,968	689
Earl W Harris	RH	56 4	86 7	18,888	687
Mar-Ja Farm	RH	141 9	89 3	16,341	658
Lundy Brothers	RH	36 8	84 8	17,154	653
Northumberland					
Truckenmlr Fms	R&GrH	60 7	86 2	18,795	713
Irvin Reynolds	R&GrH	87 2	84 3	20,741	709
Shoch Manor Farms	R&GrH	126 8	87 5	18,695	*683
Fred&Tom Strouse	R&GrH	59 5	87 8	17,671	679
RMD Shultz Farms	R&GrH	73 5	88 6	18,967	671
Snyder					
Rand A Hoffman	R&GrH	30 5	86 1	21,872	789
HL Narehood&Sons	R&GrH	57 0	91 1	18,808	746
Robert Ulmer&S	R&GrH	66 8	88 6	19,323	715
Glenn&B Carper	R&GrH	56 0	86 6	18,651	701
Elmer&Dav Apple	R&GrH	58 1	89 9	17 684	699
Jesse J Yoder	R&GrH	63 4	90 9	18 693	695
Harold S Hassinger	RH	42 9	84 4	17,035	679
Urie&Dan Yoder	RH	51 8	85 5	18 152	679
Pasture Green Fm	R&GrH	34 0	87 7	18 149	666
Jos&Grace Blank	R&GrH	43 7	87 1	17 945	662
Fisherdale Farm	R&GrH	71 1	91 2	17 255	652
Dale Hornberger	R&GrH	35 5	80 4	17 639	650
Union					
Clarence W Beiler	RH	63 0	88 3	19 553	777
John F Stoltzfus	R&GrH	49 1	88 2	20,532	748
Locust-Row Farm	R&GrH	48 7	90 8	19,068	725
Ben S Yoder	R&GrH	38 8	85 5	19,177	706
Jacob S Stoltzfus	RH	48 0	84 9	19,255	702
Amos J Zook	R&GrH	50 3	83 8	18,621	693
Elam Beiler	RH	41 3	92 7	16 856	690
Jonas R Zeiset	R&GrH	41 2	90 2	19,631	682
Wood Ann Farm Inc	R&GrH	31 1	88 0	17,880	676
Eugene Spangler	R&GrH	77 7	88 7	16,882	664
Mifflin Hills Fm	RH	55 0	85 6	18,641	663
Hemlock Meadow Fm	R&GrH	50 5	87 1	16,858	650

Lactations Finished Over 750 Lbs. Butterfat

OWNER NAME OR NUMBE	AGE	DAYS IN MILK	LBS. MILK		LBS. FAT
Montour					
PA Dept of Agric					
185	5 7	293	20,335	4 6	935
292	4 9	305	19,497	4 5	886
308	4 7	305	21,921	3 8	842
293	3-5	305	20,757	4 6	948
Earl W Harris					
Shirley	5-6	296	22,928	3 4	784
Limestone Run Farm					
64	0 0	297	20,583	3 8	782
Clifford A LeVan					
Daphne	6-6	276	22,552	3 5	790
Carl R Slater&Son					
Becky	8 2	305	21,794	4 2	920
Dolly	3-9	305	17 601	4 ?	764
Northumberland					
Truckenmiller Farms					
325	5 11	305	18,494	4 5	841
42	5 1	305	19,380	4 0	767
51	4 1	305	19 113	4 1	791
Park Buckwalter&C					
Saphire	4 7	305	22 323	3 9	870
RMD Shultz Farms					
Agnes	3 1	305	23 429	3 4	785
Ronald F Wallace					
Beauty	6 9	305	17 457	4 5	777
John Bomberger&Sons					
182	4 11	305	25,508	3 0	753
Shoch Manor Farms					
124	3 6	305	19 761	3 8	752
Fred&Tom Strouse					
Jean	8 3	305	18,693	4 4	827
Snyder					
Fisherdale Farm					
Ton 42	3 11	305	14,342	5 2	751
Albert W Heimbach					
350	6 2	305	19,908	3 8	753
John&Margaret Shirey					
Hope 28	5 6	305	22,813	3 5	796
HL Narehood&Sons					
Toby 32	5-9	305	23,250	4 1	962
Randolph A Hoffman					
Jolene	6-0	305	24,125	3 5	851
Robert Ulmer&Sons					
Fay	6 8	305	20,878	3 9	813
Nevin C Hoover					
Tessa	6 9	305	20,042	3 8	757
Jesse J Yoder					
Pretzle 8	5-1	305	21,519	3 6	779
Union					
Leon M Musser					
Pearl II	5-4	305	20,353	4 2	854

(Turn to Page D23)

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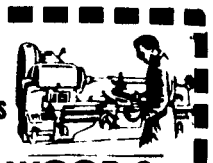

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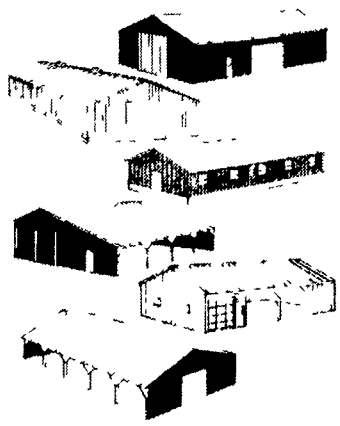

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Hunterdon picnic on July 31

PITTSTOWN, N.J. — Sam Leon's sod farm near Pittstown, N.J. will be the location of this year's Farmers'-Businessmen's Picnic, scheduled for Tuesday, July 31, reports August Knispel, chairman of the planning committee.

"This affair is a tradition in Hunterdon County, N.J. that dates back to the mid-30's," says Knispel. "It provides an opportunity for the farming community to join with their businessmen associates in an evening of fellowship, fun and excellent food."

Leon's Sod Farm will provide an interesting site for the picnic. The farm produces fine turf which is marketed direct to consumers, but principally to landscaping contractors. It is the first time we have visited a sod farm, says Knispel.

There will be wagon tours of the farm, starting at 5:30 p.m., demonstrations of equipment, a refreshing milk punch served by the Hunterdon Dairy Princess and the County's Farm Bureau Queen. Exhibits of commodities will also be part of the County Board of Agriculture-sponsored event.

Picnic supper will be prepared and served by Gene Maddalena and staff, East Amwell caterer. Included on the menu will be barbecued chicken, sweet corn, salads, fresh fruit, Maddelena's famed cheese cake.

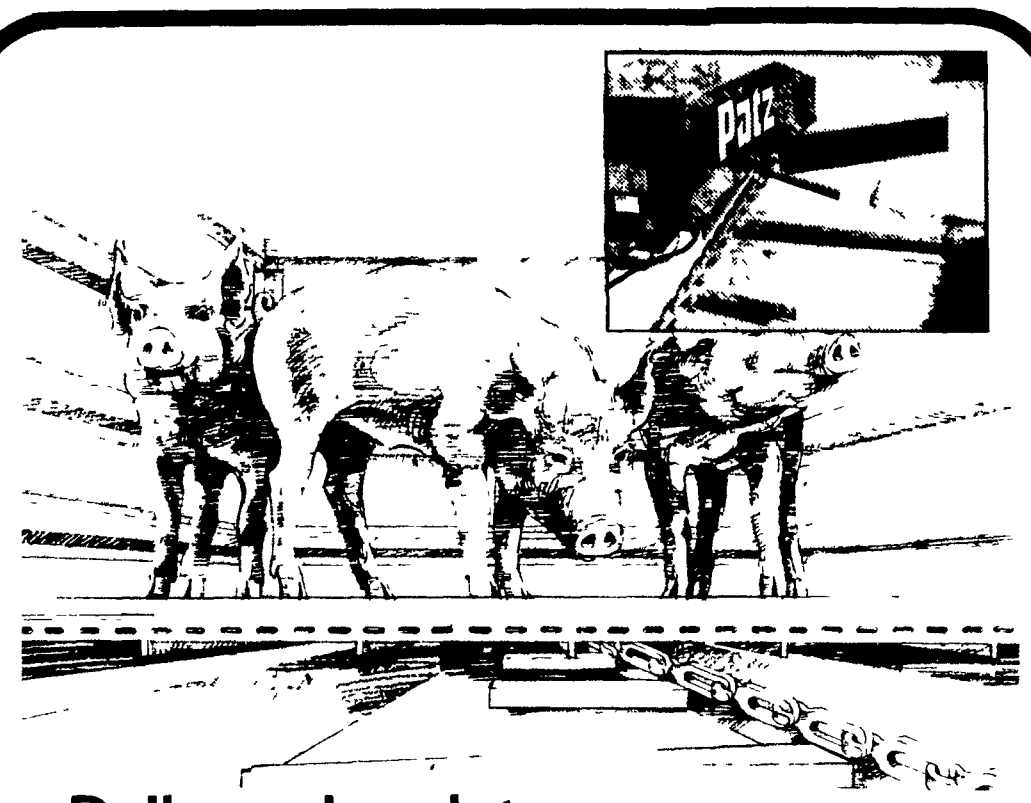
Speaker is to be Senator Garrett Hagedorn, District 40, Midland Park. His speech will be inspiring and entertaining.

Tickets are available at $7.50 from the Hunterdon County Board of Agriculture, Attn: August W. Knispel, Extension Center, 4 Gauntt Place, Flemington, NJ 08822. Phone Number is 788-1338.

Upper Susquehanna DHIA

(Continued from Page D22)

Locust-Row-Farm					
B136	7-0	305	23,529	3 7	870
B158	4-5	305	21,368	4 3	911
Clarence W Beiler					
Nettie	6-2	305	22,338	3 8	851
Deb	3 2	305	22,341	4 3	967
Clove	3 0	305	21,092	3 9	813
Nell	1 10	305	17,893	4 3	776
Elam Beiler					
Fonda	5 4	305	22,921	3 5	811
Jeremy	4-2	305	19,506	4 3	840
Roland Hackman					
Chicie	7 8	305	20,355	3 5	710
Amos J Zook					
Martha	10 10	305	18,452	4 5	828
Mervin B Nissley					
87	3 5	305	24,279	3 1	756
Melvin K Stoltzfus					
Sue	3-9	305	21,811	3 5	773
Aaron R Zimmerman					
Erma	5-8	305	19,968	3 9	775
Jacob S Stoltzfus					
Mae	5 2	305	21,973	3 7	805
Helen	6-8	297	20,311	3 8	769
Ridge Creek Farm					
Grace	4 8	305	18,151	4 3	772



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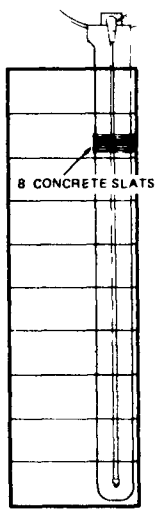

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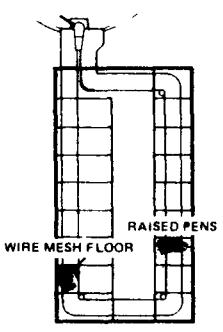

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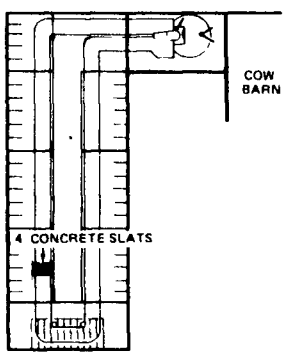

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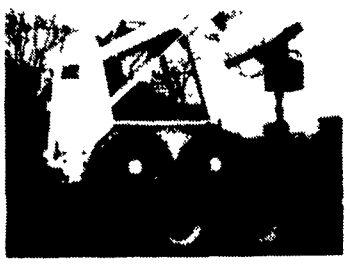

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Lewistown Extension Office

DEBTS - HOW MUCH - RESERVES

The difference between a farm's debt carrying capacity and its actual debt could be called a reserve debt capacity. This reserve is a buffer against downward changes in farm income, upward changes in interest costs, unexpected capital requirements, or uninsured disasters. Unfortunately many farms in Pennsylvania have no more reserve. Some have even going in reverse. This means trouble. Futhermore present farm commodity prices in relation to operating costs could mean there will be a further erosion or loss of debt carrying capacity in the next 2 or 3 years.

What About You?

Where are you today in relation to 2 years ago? Can your farm carry as much debt now as it could then? Do you have any reserve left? How far from being in trouble are you? Let's look at where you are right now - read on.

No problem - debts less than 20 percent of assets, payments less than 10 percent of income, income adequate, no unpaid bills. That's great - my suggestion is don't plunge, move cautiously on any financial committments but be ready to buy needed items when price is advantageous. Put some cash reserves aside for these purchases.

Problems Small - debts are 20 to 30 percent of assets, payments less than 15 percents of income, income adequate, no unpaid bills. Real good - keep it up - try to build some cash reserves - borrow very carefully so you don't get behind. Expansion is possible if you are sure you can handle it even if income remains the same. Keep good records.

Problems Growing - debts 30 to 50 percent of assets, payments 15 to 25 percent of income, income adequate, no unpaid bills. Not bad - in fact you are at a crucial crossroad. This is the area a lot of farmers have been in at one time or another. Records are of utmost importance to you. At your debt level you may have a lot of reserve left or you may be at your limit. It is important for you to know before making any major moves. You could probably sit tight and survive. Or you could expand when costs are advantageous and prosper or sink. The risk is reasonable if you know exactly where you are. Records and a good business analysis will probably be more valuable to you than to other farmers on either side of you economically.

Problems Big - debts 40 to 60 percent of assets, payments 20 to 30 percent of income, income barely adequate, either debt payments are delinquent or there are unpaid bills in excess of 5% of your gross annual income. Your operation can be salvaged if you are willing to work for it. You need to sit down and analyze your business. You probably should make some management changes. Any additional loans or capital purchases should be made only after you have explored all other possibilities. You should also be aware that any additional burden on your financial structure will increase your risk to the point of starting your slide out of business. Records and business analysis are essential if you wish to continue.

Real Problems - debts in excess of 60 percent of assets, payments in excess of 30 percent of income, either delinquent debt payments or unpaid bills indicating that part or all of your family living comes from borrowed money. Salvation of your business is dependent on your actual dedication, the patience of your lenders, the good will of your service and supply people. You need good records to show to lenders and supply dealers. You also need a plausible plan to show how you will come out of your troubled situation. Risks for you and your backers are very high. If you have equity in the business and can sell out, perhaps you should consider this as a viable alternative.

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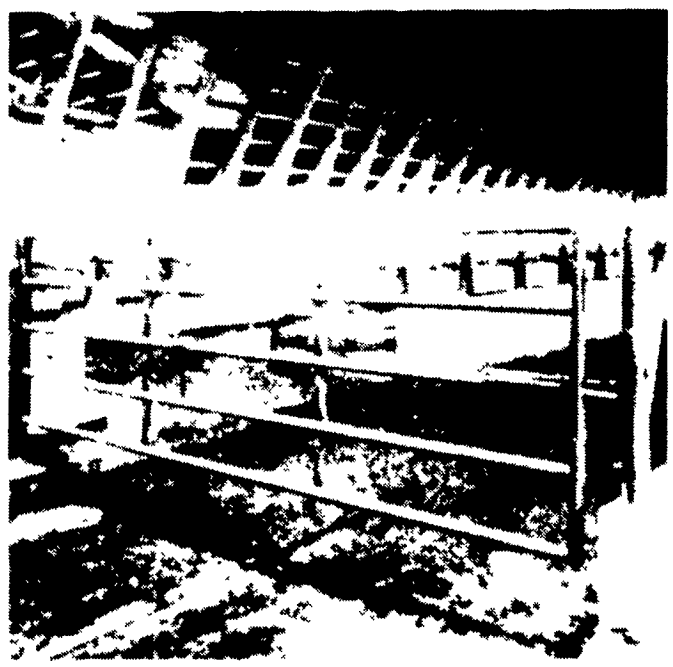

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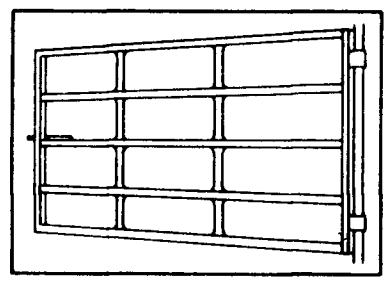

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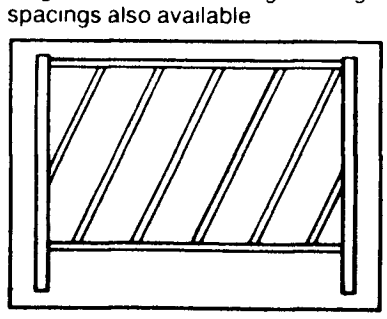

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Scout alfalfa now for leafhoppers

NEWARK, Del. — Though potato leafhoppers aren't usually a problem on the first cutting of alfalfa, this insect can severely damage new spring seedlings and the regrowth of second and third cuttings.

According to University of Delaware extension pest management specialist Joanne Whalen, leafhoppers can stunt plants, reduce yields, reduce quality and destroy new stands and regrowth. So growers should check for this insect soon after harvesting their first cutting. Because it can move quickly from field to field, weekly sampling is extremely important.

Both adult and immature leafhoppers attack alfalfa, Whalen says. However, immature forms cause the most severe damage. Their feeding produces yellow wedge-shaped areas, called "hopper burn," on leaf tips. Heavy infestations will cause an entire field to appear yellow.

"Be sure you don't confuse leafhopper damage with boron deficiency," the specialist cautions. "That will show up on the newest leaves while leafhopper injury occurs on older leaves."

If summer weather conditions are a repeat of last year's, farmers can expect to see large leafhopper populations in many fields. The insect can develop from egg to adult stage in only three weeks when the weather is warm. Severe damage is most likely to occur from mid-June through late August.

"Scout alfalfa fields for leafhoppers shortly after your first cutting and continue checking weekly until the final cutting," Whalen advises. Base treatment decisions on a random sample of 20 sweeps taken in five locations throughout the field. Since the decision to treat is also based on plant height, collect six stems from the same five areas and measure each stem from base to growing tip. Then use the following guidelines in deciding whether or not to spray:

Stem — Length	Number of Leafhoppers/Sweep
3 inches less	0.2
6 inches	0.5
8-10 inches	1.0
12-14 inches	2.0

Remember, the most severe damage will occur on the first six inches of regrowth so early detection is important. When alfalfa is more than 12 inches tall, the plants can tolerate more feeding without suffering significant economic loss.

"Growers often ask if alfalfa more than a foot tall should be sprayed or harvested when they find threshold levels of leafhoppers," Whalen says. "In general, if the threshold is reached and less than 50 percent of the plants are in bud, it will pay to spray immediately. However, if the alfalfa is 60 percent or more in bud and you can harvest within the next week, we recommend harvesting the field instead of spraying."

Good insect control and mowing practices can help minimize disease losses in alfalfa, says Delaware extension plant pathologist Bob Mulrooney. He recommends timely insecticide applications to help reduce plant stress. When their tops are actively growing, plants can produce vigorous roots able to resist root rot.

When leaf spots are present, Mulrooney encourages growers to mow earlier than normal. This will help reduce leaf drop and thus conserve feed value. One form of leaf spot called "pepper spot" is present in many alfalfa fields now. Severe infestations usually occur when plants are rapidly growing and weather is cool and wet.

Pepper spot initially appears as small black spots on the youngest leaves. The spots gradually enlarge to 1/8-inch in size. They have tan centers and dark brown borders. Mulrooney advises growers to check fields now for pepper spot and mow early if infestations are severe.

Delaware farmers who want further information on in-season pest activity can call the University of Delaware's crop pest hotline, 1-800-345-7544. Now that the growing season is under way, reports are updated on Tuesdays and Fridays by noon.

Pa. grain stocks down

HARRISBURG — Corn, oats, wheat and barley stocks in Pennsylvania on June 1 totaled 36.8 million bushels, down 37 percent from a year ago, according to the Pennsylvania Crop and Livestock Reporting Service.

Stocks on farms, at 30.8 million bushels, were down 40 percent and off-farm stocks at 6 million bushels were down 16 percent from a year earlier.

Corn stored in all positions totaled 29.6 million bushels, down 42 percent from last year's level of 50.8 million bushels. Oats held in all positions totaled 4.6 million bushels, down 10 percent from the 5.2 million bushels on hand a year earlier. Wheat stocks in all positions totaled 2 million bushels, down 11 percent from last year's level of 2.3 million bushels.

Barley in all storage positions, at 600,000 bushels, increased 12 percent from the 534,000 bushels stored last year. On-farm soybean stocks totaled 522,000 bushels, down 27 percent from last year's farm stocks of 711,000 bushels.

U.S. corn stocks in all positions on June 1 totaled 2.14 billion bushels, 57 percent less than last year's record high of 4.92 billion bushels. Oats in all positions totaled 181 million bushels, down 18 percent from a year ago. Barley stored in all positions totaled 189 million bushels, 13 percent less than last year's 217 million bushels.

All wheat stored in all positions totaled 1.39 billion bushels, eight percent less than last year's 1.52 billion bushels. Soybeans in all positions totaled 456 million bushels, down 42 percent from a year ago and 29 percent less than 1982.

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Sale Reports

A Public Antique Auction was held June 30 by Glenn N. Bingman, along the old Route 522 at east side of Beaver Springs, Snyder Co., Pa.

Some of the items were: chime music box $10, floral & bird crock $260, ice cream dippers $12.50 to $32.50, sleigh bells $62.50 to $100, hame bells $45, small market basket $37.50, large basket $115, redware plate $140, cast iron rabbit $11, witch balls $65 to $250, cherry seeder $10, 12 light pine corner cupboard $1600, 2-drawer cherry stand $350, tiger maple drop leaf table $600 and 6 pc. mahogany dining room suite $450.

Earl Eash was the auctioneer.

XXX

A Public Sale of real estate and farm equipment was held June 30 by C. Horace Gipe, along Burkholder Road, approximately 2 miles south of Red Lion, York Co., Pa. The sale was well attended.

The 24 acre farm with 2 acres of wood land was sold for $75,000 to Donald Bonsell of Dover, Pa. It also included a 2½ story frame house, large bank barn and has sewer service.

Other items sold were: Ford 8N tractor $1675, Farmall H tractor $875, rubber tired wagon $255, small cider press $240 and tractor rotary mower $335.

Reynold L. Burke was the auctioneer.

XXX

A Public Auction of farm machinery and household goods was held June 30 by Aurther J. Boyer at the Carnival Grounds off Route 73 between Reading and Boyertown in Oley, Berks Co., Pa.

Some prices were: Sellers kitchen cabinet $240, chest of drawers $270, cedar chest $75, clothes tree $35, kitchen stove $150, miter box $45, roll top desk $625, library table $85, cedar wardrobe $55, Ford 8N tractor w/blade $2100, Ford 9N tractor $1200, Mt. Penn Stoudt axe $32.50, Mt. Penn hatchet $30 and drill press $40.

David S. Allgyer was the auctioneer

A Public Sale of antiques and coins was held June 30 for the Harry S. Stoner estate of the Denver Fire Hall, 425 Locust Street, Denver, Pa.

Some of the items included: 1972 Matador Sedan $1700, silver dollars up to $26 each, 12 light walnut Dutch cupboard $5600, 3 pc. Vict. bedroom suite $430, marble top desk $800, secretary-desk $325, poster chair $190 and blanket chest $140.

T. Glenn Horst and Timothy G. Horst were the auctioneers.

U.S., German cooperation may aid potato farmers

WASHINGTON, D.C. — West German and U.S. scientists are pooling their efforts to ease two mutual agricultural problems, acid rain and avian influenza.

Secretary of Agriculture John R. Block announced these most recent joint endeavors, the latest in a series which began several years ago, following a meeting of a joint working group representing the two countries.

The U.S. Department of Agriculture's Office of International Cooperation and Development sponsors the meetings, where technical information is exchanged.

Block said past exchanges with West German scientists have complemented the work of USDA and state agricultural experiment station researchers in potato breeding, cattle disease and protection of coastlines from erosion.

USDA scientists said the teamwork promises numerous payoffs. One benefit may be new help for U.S. potato growers in protecting their crops, said John Helgeson of USDA's Agricultural Research Service in Madison, Wis. He led a U.S. team to West Germany this year. The two countries have extensive banks of genetic material to aid research on finding disease-resistant potatoes.

U.S. potato farmers lose about $11.5 million a year to diseases and spend about $16 million a year on pesticides. Now, said Helgeson, exchanges with West Germans may help U.S. farmers further diversify their potato varieties to guard against losses.

Ever since the 1846 potato blight caused famine in Ireland, said Helgeson, the world has known the disastrous economic effects of relying on just one breed of plant. Cultivating diverse varieties guards against a disease wiping out an entire harvest, since some varieties are likely to resist a particular disease.

U.S. Scientists shared ideas with the Germans on genetic engineering and breeding techniques to give varieties new disease resistance that can help U.S. potato breeders in the years ahead. This work will continue until February, 1987.

In another exchange project, U.S. and German scientists came up with a new test for characterization of certain strains of bluetongue virus. This virus causes a cattle disease that limits U.S. livestock exports, according to Michael Jochim of USDA's Agricultural Research Service in Denver.

Jochim, who went to Germany as part of the program, said a simple laboratory test now can identify certain virulent characteristics of bluetongue virus.

Without costly and time-consuming studies, he said, the test will further characterize strains of bluetongue virus, especially newly isolated ones.

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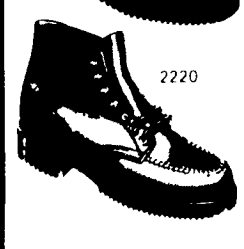

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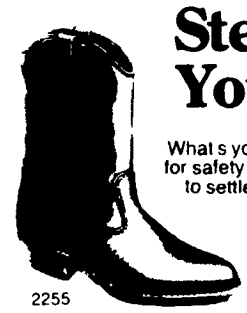

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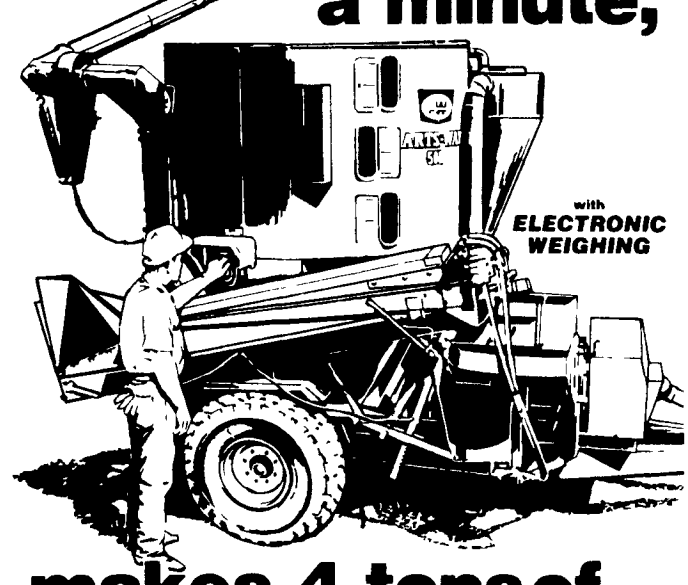

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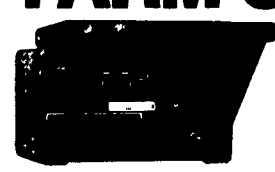

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Evergreen Tractor Co Inc.
717-272-4641

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

JULY

SAT JULY 7 Public Auction of Real Estate Located at Lack Twp, Juniata Co, 20 miles south of Mifflin along Rt 35 William J Owens Estate Bryan D Imes Auctioneer

SAT JULY 7 2 PM Public Auction of 3 28 acre country property Located between Lebanon and Reading at Myerstown Take Route 645 North from Route 422, 2 miles, to Rosebud Road Turn left, proceed 2½ miles to property on right Jackson Township, Lebanon County, PA Clarence B and Kathryn G Martin Owners Paul E Martin and John D Stauffer, Auctioneers

SAT JULY 7 11 AM Public Auction of 7 International Truck Tractors & 6 Fruehauf Trailers Located at Heavlow & Sons Garage, Rts 290 and 213, Galena, MD Irwin J Heavlow, Owner Harry Rudnick & Sons Inc , Auctioneers

SAT JULY 7 10 AM Public Auction of Real Estate, Antique Cars & Parts, Garage Tools Lumber Antiques, Etc Located at Loganton R D 3/10 mile west of Interchange #28 on Interstate 80 D Earl Jeffries Estate Bob, Chuck & Rich Roan, Inc Auctioneers

SAT JULY 7 10 AM Public Auction of Farm Equipment, Tools & Truck Located off Rt 93, Conyngham Valley 2 miles north of Hazelton, known as the Albert Yenchick farm, Sugarloaf Twp Mrs Albert Yenchick, Owner Curt, Doug & Tim Houser, Auctioneers

SAT JULY 7 10 AM Public Auction of Real Estate Located at the Franklin Co Courthouse J Robert Meyers Auctioneer

SAT JULY 7 10 30 AM Public Auction of the Haymaker Special Selling Tractors Chopper & Equipment Located at the Visscher Farm, Rt 282, 1½ miles south of Nichols, NY Use exit 62 off Rt 17 Expressway 18 miles north to Towanda, PA via Rt 187 Howard W Visscher, Auctioneer

SAT JULY 7 9 30 AM Public Auction of a Super Show and Auction Located at Young's Auction Center on Rt 14 5 miles north of Canton PA in Bradford Co 40 miles north of Williamsport PA Tom Young Auctioneer

MON JULY 9 6 PM Public Auction of a Complete Liquidation of Restaurant Equipment & Fixtures Located at Martz Seafood House 6106 Carlisle Pike Mechanicsburg, PA, across from Capitol City Mazda/Toyota Kerry Pae, Auctioneers

MON JULY 9 7 15 PM Public Auction of 46 Head Interstate Tested Dairy Cattle & Machinery Located at the farm on Straight Rd , 1 mile north of Rt 333 approx 5 miles west of Campbell, or approx 3 miles east of Risingsville, NY Mr & Mrs Calvin Gauss, Owners Pirrung Auctioneers, Inc

MON JULY 9 10 AM Public Auction of Antiques, Household Goods Brass Bells, Tools Electric Supplies CB's Truck Auto & School Buses Located along Slackwater Rd , R D 1, Millersville, PA just south of Funk's Farm Market Mrs J Earle Pfoutz Owner Howard Shaub & Roy C Probst, Auctioneers

TUES JULY 10 4 PM Farmersville Auction in Farmersville 3 mi East of Brownstown Lancaster County Pa

WED JULY 11 11 AM Public Auction of Farm Equipment Located west of the Village of Malta 2 miles south of Dalmatia in Lower Mohanoy Twp Northumberland Co PA 6 miles north of Millersburg, 18 miles south of Sunbury ½ mile off Rt 147 along Mahantongo Creek Rd Farmers Home Administration Owners Mike & George Deibert, Auctioneers

WED JULY 11 7 PM Public Auction of Real Estate Located on Rothsville Rd from Rt 272, ½ mile Turn right, Rettew Mill Rd ¼ mile across covered bridge First house and barn on left at 983 Rettew Mill Rd Ephrata, Twp , Lanc Co , PA ELPEE Ltd Owners Abe Diffenbach Auctioneer

WED JULY 11 6 PM Public Auction of Farm Machinery Equipment and Trucks Located on the premises of Aberdeen Sales Co on Churchville Rd (MD Rt 22) approx 6 miles east of the town of Bel Air and 6 miles west of the town of Aberdeen in Harford Co , MD Aberdeen Sales Co Kent R Ferrell Auctioneer

Cut the Cost of Cutting Crop Residue.

And pastures And roadsides With the new Bush Hog 268 eight-foot rotary cutter Instead of saddling your tractor with the weight of a separate power divider, and you with its cost, one of the two Bush Hog-patented gearboxes divides the power And these two gearboxes are connected by the same kind of proven energy-absorbing torsion-bars you find on modern automobile suspensions They transfer power from one gearbox to the other and protect the gearboxes and structural deck members from shock and stress You save weight, you save fuel, you save maintenance, but most important of all, you save money — over $500 based on our cheapest competitor's suggested list price You also save time, because you cut an 8' wide swath with two overlapping cutter blades that work fast and clean Nobody else's eight foot cutter is more rugged or works as fast or as clean There's another tough year ahead for farming but tough implements like the new Bush Hog 268 cutter can make it easier Because in addition to cutting crop residue, pastures and roadsides, we engineered it to cut costs

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717-626-4705

CLAPPER FARM EQUIPMENT
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814-669-4465

THOMAS L. DUNLAP
Jersey Shore, PA
717-398-1391

FARMERSVILLE EQUIPMENT, INC.
Ephrata, PA
717-354-4271

GEORGE N. GROSS, INC.
Dover, PA
717-292-1673

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717-786-3521

KELLER'S FARM MACHINERY, INC.
Quakertown, PA
215-536-4046

LEHIGH AG EQUIPMENT
Wescosville, PA
215-398-2553

MILLER SALES & SERVICE INC.
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717-993-2470

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York, PA
717-428-1954

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717-784-7731

PEOPLES SALES & SERVICE
Oakland Mills, PA
717-463-2735

PETERMAN FARM EQUIPMENT, INC.
Carlisle, PA
717-249-5338

STANLEY'S FARM SERVICE
Klingerstown, PA
717-648-2088

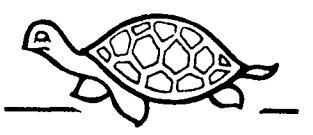
STOLTZFUS FARM SERVICE
Cochranville, PA
215-593-2407

STRALEY FARM SUPPLY INC.
Dover, PA
717-292-4443

UMBERGER'S OF FONTANA
Lebanon, PA
717-867-5161

C.J. WONSIDLER BROS.
Quakertown, PA
215-536-1935

DON'T BE SLOW



Call Now To Place Your CLASSIFIED AD

Ph: 717-394-3047 or 717-626-1164

FARMERSVILLE AUCTION

TUESDAY, JULY 10, 1984
4:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

House lot from West Reading plus additions.

3 pc. depression bedroom suite; mah. knee hole desk; safe; platform rocker; double bedding; painted kitchen cabinet; night stands; color TV; floor lamp; Maytag wringer washer; sofa; waterfall bedroom suite; 5 pc. breakfast set; recliner; lawn chairs; hand tools; pictures; dishes; small items, etc. etc.
WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

Lester Weaver AU-982-L

FIRECRACKER AYRSHIRE SALE

WEDNESDAY, JULY 11, 1984
12:00 NOON
Fairgrounds, Carlisle, Pa.
COWS-BRED HEIFERS -YEARLINGS

From well known herds, Masonic Homes, HoneyBrook, Green Brae, Toll Gate Ayr, Sycamore Meade, Hidden Springs, Frosty Ayr, Rockland & Conebella.
Top Sires & Grand sires Hi Kicks +126 Gallant Man +100 Drap Kicks +99 Royal Command +94.
Dams best records average:
12,460M 4.28% 533F
Granddams best records average
13,396M 4 18% 560F
Ayrshires for Hi Production, Hi Fat, Hi Protein and Excellent type

Free Catalogues-Milt Brubaker
595 Snyder Hill Rd.
Lititz, Pa. 17543
717-626-5788

Public Auction Register

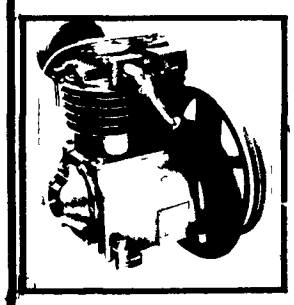
Closing Date Monday 5 00 P M
of each week s publication

THURS JULY 12 7 30 PM Public Auction of 70 Head of Holsteins Located at Kling's Sale Barn, 2½ miles northeast of Landisburg, Perry Co PA, 15 miles north of Carlisle on Rt 74 V Art Kling, Owner, Auctioneer

THURS JULY 12 6 PM Public Auction of Repossessed Vehicles Selling Cars, Trucks, Boat, Motorcycle & Forklift Located on 8261 Derry St, Hbg, PA (former Hbg Asphalt Bldg) Commonwealth Nat'l Bank & Fulton Bank, Owners Kerry Pae, Auc tioneers

FRI JULY 13 9 30 AM Public Auction of Machinery Butchering Tools Some Household Goods & Misc Items Located at the residence of Elam & Anna Zimmer man, 1 mile north of Martinsburg on Rt 866 or Piney Creek Rd Elam & Anna Zimmerman, Owners John J Dilling, Auctioneer

Air Compressor Sales & Service



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RD 1 Box 94A Kirkwood, Pa. 17536
or call answering service **717-529-2668**

PEILA BROS. ANNUAL SALE

FRIDAY, JULY 13, 1984
11:00 A.M.

SELLING BETWEEN 250 AND 300 HEAD TOP QUALITY REGISTERED AND GRADE HOSLTEINS AT LEAST 200 YOUNG COWS 50 FIRST CALF HEIFERS - 150 HEAD CLOSE OR FRESH 100+ HEAD DUE SUMMER AND FALL

This sale will be an excellent opportunity for anyone to purchase Registered or grade Holsteins of the finest quality available. These cattle were selected and purchased by us personally for production and type from good dispersals and top herds throughout the Northeast. Many top sires will be represented in this sale including Pawnee Farm Arlinda Chief. paclamar Bootmaker, paclamar Astronaut, Tiho Kit Builder, Round Oak Rag Apple Elevation, Roybropok Tempo, Willow Farm Rockman Ivanhoe, Ca-Lill Standaut, Cavalier, Sageser Chief Astronaut, Locust Glen Ivanhoe Elevation, Glen Valley Star, Creek Bluff Elevation Lester, Plushanski Persuader, Sooner Elevation Chip, Grand Fortune, Tullando Elevation, Sky High and others. A few examples of the registered cattle include:

* Fancy Elevation 3 yr. old
  Due Sale time to S. W.D. Valiant
  Dam 85 pt. Astronaut
  5 yr. 305 21,530 752
* Good + Elate Fresh milking 100 lbs.
  3 yr. 298 18,886 650
  2 yr. 340 20,395 728
* Fresh 4 yr. Bootmaker
  2 yr. 299-13,301-4.4-581
  3 yr. Inc. 242 14,379 4.3 624
  Milking 85 - 90 lbs.
  Dam Astronaut
  1-11 305 15,550 4.0 623
  3-11 365 20,170 4.3 864
* 3 yr. Roybrook Tempo
  Due to July to Stoneylawn Paclamar Leprechaun
  Dam VG 5 records 19,310 to 22,470
* Fancy 3 yr. old Willow
  Due 7-26 to Cal-Clark Broard Chairman
* Good + 4 yr. old Cavalier
  2 yr. 305 17,963 604
  Due August to Marshfield Elevation Tony
* Very Good Fancy Astronaut
  Due Sale Time
* Fancy Fresh 3 yr. old Kit Builder milking 85 lbs.
  2 yr. 16,100
  Dam records to 22,144 736
* 4 yr. old Arlinda Chief
  Due August to Leadfield Columbus ET
* Good + Senator Flame
  Due Sale time to Willow
* 3 yr. old Fresh Cavalier
  Milking 80 lbs.
  Dam Bold Chief with four records 4.2% to 4.5% Fat
  Next Dam 88 pt. Astronaut with records to 305 25,540 3.9 1007
* 4 yr. old Grand Fortune
  Due July 20 to Cavalier
* Good + Willow
  Due August 1
  3 yr. 367 16,800 4.2 706
* Good + Cavalier
  2 yr. 365 19,640 676
* Good + Apache
  3 yr. 365 14,710 548

This is just an example of the caliber of the cattle selling as we will be buying more up until sale time. The grade cattle are of the same quality. There will be fresh heifers milking from 60 to 76 lbs. and many cows milking from 75 to 100 lbs.

This sale has been an annual event with us for many years. It's a day for us to spend some time with good cattle, good customers, and good friends. If you need some top cattle now or in the future spend a few hours with us on the 13th to purchase or see the quality of cattle we try to sell.

All Cattle Blood and TB Tested - Mostly Vaccinated
Interstate Charts at Ringside - Catalogs Sale Day
Truckers Available to go Anywhere

TERMS: Cash or Good Check Sale Day

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Tel. 203-643-7405

AUCTIONEERS
Milton Crosby
Sharon, Conn. and
Paul Snyder
Ephrata, Penna.

"The place where quality as well as quantity prevails."

PUBLIC AUCTION

New Holland Sales Stables, Inc.
New Holland, Pa.

Tractors & Horse Drawn Farm Equipment-Supplies-Small Items

FRIDAY, AUGUST 10, 1984

SALE OF SMALL ITEMS 9:00 A.M. **FARM EQUIPMENT 10:00 A.M.**

— Bring A Load, Buy A Load —

New customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks

A list of your sale items must be in our office by July 24 to be included in our complete listing in the July 28th issue.

Abe Diffenbach, Manager
For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341

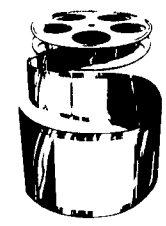
Next FARM EQUIPMENT SALE FRIDAY, November 9th, 1984

PARAMOUNT PICTURES CORP.
PRESENTS

THE PUBLIC AUCTION

OF

Antiques, Wagons, and most of the Props used in the making of the Motion Picture **"WITNESS"**



MONDAY, JULY 9, 1984

at 10 00 A M

THE MOUNT SIDNEY PAINT STORE, 6 miles East of Lancaster, ½-mile off Route 340 in WITMER, PENNA.

FARM MACHINERY

New Idea Manure Spreader Tobacco Planter, Side Delivery Rake, Cultivator Disc 2 Plows 1½' x10 and 2' x8 Galvanized Fencing Galvanized Troughs Chicken Coops more farm machinery not available at time of listing

NINE AMISH CARRIAGES AND WAGONS

New Amish Market Wagon Barrel Sleigh Collars Harness Double Trees other misc Horse Items and Farm Machinery not listed

ANTIQUES and HOUSEHOLD ITEMS

9⅛" porcelain Plates different patterns 10" tin plates, 8¾" Bowls 9' Bowls 8⅛" Soup Bowls 6¼ ' Salad Bowls 9" Soup Bowls, 10" Blue Bowl, 6 ' Saucers mixed Gravy Bowls Different Styles, porcelain 12 Serving Platters white 10"x7" lg Green Serving Bowl Wood Bowls, 4¾" Porcelain Cereal Bowls 4⅛' Salt & Pepper Shakers, 4" Salt & Pepper Shakers 3 Salt & Pepper Shakers, glass Alum Salt & Pepper Shakers oblong porcelain vegetable dishes 4" white round shakers 5" white shakers cut glass sugar & cream pitchers, porcelain sugar & cream pitchers butter dishes cut glass, porcelain butter dishes misc cream pitchers asst cut glass relish trays asst glass serving bowls, alum water pitchers, asst glass water pitchers, porcelain water pitchers plastic salad bowls, porcelain serving bowls, porcelain rolling pin, porcelain coffee cups, milk glass coffee cups, red & green trim 16 oz plastic tumblers gold & white, 6-oz plastic tumblers, gold, 16-doz 16 oz clear glass tumblers glass juice makers 8 oz clear glasses with design, 8" porcelain pie serving plate utensil tray, Asst silverware over 400 items, metal cooking & serving spoons, dippers, various sizes & styles wooden cooking utensils, porcelain turkey platters, plastic serving trays, butcher knives and sharpening rod small porcelain platters, misc dis play items metal platters meat carving set, blue ceramic pitcher, display plates, plate stands graduated metal roasting pans hanging scale, wooden flour sifters, bottle capper, metal ladles, metal forks, graduated tin strainers 15" lg metal strainers, small tin pans, asst shapes tin canisters with lids, small tin pices with pail, colored cannisters with lids metal strainer, old metal basins & wash pans, black agate coffee pots, lg white coffee pot agate water pitcher alum tea kettle, agate canning pots, agate stew pots, agate broilers, cast shovels, various sizes, roasting pans, various sizes, 17x13 black agate broiler pan, black agate cookie sheets, standing mirror, dome wood clock, Seth Thomas, kettles, small with rail handle dough maker tin flour scoops, grinder, small, wicker & wood plant stand cookie sheets grinder, large cast iron iron wood salt box, bell pull embroidered coffee grinder, wire soap dishes, wood stamper metal cutter, towel rack wood 3 rung, dish towel holder, 3 bar, hand flour sifter wood jewelry box, wood grater, metal rug beater, lunch box, cutting boards shaker peg coat racks Amish calendars, bug killer sprayers wire basket with yarn & thread wooden wash tub, JELLY CUPBOARD Phila Police Narcotics Sign, wall hanging tapestrys macrame plant hanger 18"x18" top 2 tier, 4 leg Table, 49x16 wood dovetail box, 2 drawer index file cabinets, oak, kitchen table, 2 chairs & bench birth sampler, wood shelves, magazine racks, BLANKET CHEST 2 SPINDLE BACK OAK CHAIRS bench with vinyl top, 26x17 straw basket dresser and vanity with broken mirror, 6 chairs with flower basket design 4 side chairs arm chair, ladder back kitchen chair oak, 3 leg hall table, 4 leg table, round top 20" green side chair oak side chairs, vertical slats, wood stool, upholstered chair blue refrigerator wringer type washer, 2' kitchen cabinet with glass box spring & mattress bed, asst of Coleman, Aladdin kerosene Lamps, bases, chimneys glass cannisters carpenters tool chest with cover, Coleman hand pumps box books, glass lamps buckets with coal and shovels, wooden and metal fold ing chairs, cans of lamp fuel safe OAK CHINA CLOSET, 2-door with glass, modern foot stool bed pan, EMPIRE DRESSER, 5 draw - er, wood milking stool 21x16 wood table w-drawer, 4 leg stained table 28" round, pie safe small OAK ROCKER round solid wood CHOPPING BLOCK with legs large floor fans, lg wisk broom green wooden chest, hall runners, wooden thread storage case

OFFICE SUPPLIES AND FURNITURE

Galvanized sprinkler can staplers tape holder punches paper holders date pads metal boxes Rolldex index card file wire baskets stacking letter trays clip boards wooden letter trays, desk set brass calendar water pitcher pen set desk lamp scales large desk lamp lamp, small desk lamp ash trays heat shield, pictures cutting boards floor standing ash trays wicker headboard metal file cabinets 1, 2 & 3-drawer, 3'x4' new Bulletin Board 2'x3' Cork Bulletin Board

CONSTRUCTION AND MISC. ITEMS

8 wooden step ladder 2 fire extinguishers 30' wooden ladder, extension 9x12 dusty rose area carpet 6x8 oriental carpet Old Time up right radio small area rugs, double rinse tub single rinse tub utility cart on wheels 3 shelves white corner cabinet day bed table with drawer 2 door wood cabinet metal bed wooden bed coal stove & pipe, metal wood press up right steamer trunk drafting board, 2 saw horses, green metal porch chair, 4 fans on stands wood foot stool 16 carpenters wood work boxes brass floor lamp with base porcelain table lamps 28" with shades, glass with brass base table lamps 28" with shades wood with brass base table lamp 28' with shade misc table lamps, 5 director chairs, old wooden folding clothes drying rack asst styles & colors Throw Pillows Zenith AM clock radio Emerson AM clock radio small alarm clock box of misc vanity items misc clothes, shoes slippers boots pocket books and hats coffee cups and drinking glasses 4 rung wooden clothes dryer bed pillows books and magazines coffee maker cow bells pig bank copper candle lantern brass planter container woven trash basket misc kitchen items asst games and toys black board asst pieces of nylon and manila rope old metal stencil machine wicker swag light spice rack walnut letter racks old metal brace & bit with level very large wood slick medium wood slick saw sharpening vise wrecking bars asst sizes lg tin snips pulley blocks with hooks wooden levels various lengths wood draw knives, mitre box back saws calipers adj wrenches old wooden hanled squares screwdrivers asst tack puller wood chisels metal chisel asst files, hatchets asst drill bits, chalk box hay hook extra large wooden mallet wooden mallets, claw hammers small sledges wooden clamps metal vises bedspreads sheets blankets table cloths doiles pot holders runners wash clothes drapes home made scooters wood folding card table antique milking stool 10 ton jack Formica top tables with benches 3 shelf book case oak work chain space heater QUILT diamond pattern also a large selection of good items not mentioned

Carriages will be sold after 2 00 p m
Terms Cash
Sale conducted by

Martin Auctioneers, Inc.
Martin Auctioneers, Inc AU 001137 L
Larry L Martin AU 000578-L
Paul Z Martin, Jr AU-001863 L
P O BOX 477
INTERCOURSE, PENNA 17534
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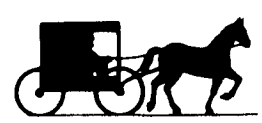


PUBLIC AUCTION
FRIDAY, JULY 13, 1984
9:30 A.M.

Located at the residence of Elam & Anna Zimmerman, 1 mi. North of Martinsburg on Route 866 or Piney Creek Road. Some Machinery, Butchering Tools, some Household Goods & Misc.

Machinery & Butchering Tools: Massey Harris 10-foot self-propelled combine, Fox 2-row forage harvester w/grass head, JD 11-hoe drill, McCormick steel wagon w/brake drum, steel land roller, JD tractor cultivators, silo unloader for 10-foot silo, 400-gal. water tank, set of tractor tires (12x26), Ford pulley, rubber tire cart, spring wagon, 1-horse sleigh, 2 carriage poles, buggy & spring wagon wheels & axles, small plate mill, small blacksmith forge, blacksmith drill, carpenter tool box, floor sander, framing chisels, heavy duty screw jack, bucksaw w/blade, 275-gal. fuel tank, milk cans, 2-hole cornsheller, cast iron pig trough, window sash with ¼ inch glass, school-house slate & desk, chicken crates, bu. crates, lawn roller, power mower, vinegar barrel, lg. copper kettle, 2 butchering kettles, butcher scales, elec. back-splitting saw, meat grinder, lard press, scrappers, steel butchering furnace, copper hot water tank, storm doors, horse related items, single & double trees, antique saddler's buck, horse blankets, buggy robes, spread, bees & bee supplies, honey extractor, and misc. items.

Household Goods: 2 treadle sewing machines, Oak dresser, rockers, stands, sofa, china closet, blanket chest, single iron bed complete, double bed w/springs, crib, old wardrobe, chairs, old bench, 30" gas range, Duo-Therm kerosene heater, coal & wood heater, porch swing, old bottles, green jars, dishes, books, some Jeans, some material, & upholstery patches & misc. Reason for selling, Son took over farm.

Terms: Cash or Approved check.

Lunch Available

ELAM & ANNA ZIMMERMAN
Owners

John J. Dilling, Auctioneer Not Responsible for Accidents

Public Auction Register

Closing Date Monday, 5 00 P M of each week's publication

FRI JULY 13 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI JULY 13 Public Auction of Country Real Estate Long's Auctioneering Service

FRI JULY 13 10 AM Public Auction of Sawmill Equipment Located in Perry Co, Wheatfield Twp at Montabello Park From Duncannon, take 274 West to Paradise Road to right Go approx 2 miles to first crossroads turn right 1 mile to Mill From Newport, take Rt 849 East 3 miles through Pine Grove to School House, turn right, 3 miles to Saw Mill Melvin G Landis, Owner Kling's Auction Service, Auctioneers

FRI JULY 13 7 30 PM Public Auction Dairy Sale Located 4½ miles north of Woodsboro, MD or 8 miles south of Taneytown MD on Rt 194, ¼ mile east on Good Intent Rd at Ladiesburg, MD Richard H Layman, Owner Robert C Mullendore, Auctioneer

SAT JULY 14 Public Auction of Real Estate & Farm Machinery Located at R D 2, Port Royal Harvey J Stake Estate Bryan D Imes Auctioneer

SAT JULY 14 12 PM Public Auction of a 46 Acre Farm Located at Carsonville, PA, Jefferson Twp, R D 2, Halifax, approx 12 miles east of Rt 225 on Powells Valley Rd or Carsonville Rd or 1 mile south of Elizabethville on Rt 225 to the Mountain House Road and 9 miles south to Powells Valley Rd Then 1 mile to sale John Stehman, Owner Ed Shoop & Dave Deibler, Auctioneers

SAT JULY 14 9 30 AM Public Auction of Line Equipment, Trucks & Vehicles Located in Astoria, NY at the Con Edison facility at 20th Ave & 31st St Vilsmeier Auction Co, Inc Auctioneers

SAT JULY 14 10 AM Public Auction of shop equipment, tractor, wood splitter, good tools, personal property, etc Located #200 Mt Pleasant Ave, Oxford, PA 30 miles from Lancaster PA Estate of Grant, Prewitt, Whiteside and Associates, Auctioneer

SAT JULY 14 9 AM Public Auction of the Lititz Area Menn School Annual Benefit Sale of Quilts Located at 1050 East Newport Rd Lititz PA Take Rt 501 North of Lititz to Newport Rd Turn right approx 2 miles to the school on right John Stauffer, Paul E Martin & Others, Auctioneers

SAT JULY 14 9 AM Public Auction of Real Estate, Antiques & Household Located at 20 S Lancaster St Jonestown, PA Mary Spangler Brown Estate Mrs Lena Ditzler & Mrs Mary Fields, Administratrixs' Ralph B Heisey & John Cooper Auctioneers

SAT JULY 14 12 Noon Public Auction of 50 Individually selected Registered Jerseys with outstanding Production and type Located at the Fairgrounds, Troy, PA Bradford Co Roy H Watson, Owner Commission to benefit the PA Jersey Cattle Club

SAT JULY 14 11 AM Public Auction of Open Holstein Heifer Dispersal Sale Selling 110 Hy Grade Open Holstein Heifers Located at the farm on Leadsville Rd 2 miles south of Rt 343 (Amenia Sharon Rd) Amenia, NY Dutchfield Farm, Owner D Luther Auctioneer

SAT JULY 14 10 AM Public Auction of Butchering Equipment, Family Antiques & Collectibles Located west of Phoenixville, PA Right at the Intersection of Rts 23 and 100, formerly Detweiller's Meat Farm Ken Moyer, Auctioneer

MON JULY 16 6 PM Public Bankruptcy Auction Selling Tools, Equipment, Parts, Vehicles, Fixtures and Office Equipment Located on Rt 22 322 Duncannon PA at west end of Clarks Ferry Bridge McClarrens Mower Service, Leon P Haller, Owner Kerry Pae, Auctioneers

MON JULY 16 10 AM Public Auction of Restaurant Equipment and Furnishings Located 1 mile east of Lansdale at Rt 202 & 63 North Wales PA Alfalfa's, Owners Sanford A Alderfer Inc Auctioneers

TUES JULY 17 1 PM Public Auction of Four Large Structures Located off Rt 372, 4 miles west of the Buck at Muddy Run Park enterence 1st farm on right 15 miles south of Lanc on Rt 272 Jacob R Groff, Owner J Everett Kreider, Auctioneer

TUES JULY 17 & WED JULY 18 9 AM Public Auction of Mining Co Equipment Includes Dozers, Draglines Loaders, Payhaulers, Drills, Crushing & Screening Plants, Scales, Engines & Transmissions, Trucks, Truck Tractors & Trailers, Machine Shop, Parts & Related Equipment Located in Blossburg, PA (Morris Run, PA area), Tioga Co Follow auction arrows from Blossburg, PA (US Rt 15, 40 miles north of Williamsport, PA, 35 miles south of Corning, NY) to Morris Run, then to Pine Hill Mining Area Jones & Brague Mining Co, Owners Dick Crittenden Auction Co Auctioneers

2 DAY AUCTION

JONES & BRAGUE MINING CO.

Tuesday & Wednesday, July 17 & 18, 1984
9:00 A.M.

Blossburg, PA
(Morris Run, PA Area)
Tioga County

Jones & Brague Are Retiring After 34 Years In Business All Equipment Was Bought New And Is One Owner All Equipment Belongs To Jones & Brague Mining Co And This Working Company Has Discontinued Operations As Of June 8, 1984

TUES., JULY 17 — 9 A.M.

Follow Auction Arrows From Blossburg PA (U S Rt 15 40 Mi North Of Williamsport PA 35 Mi South Of Corning NY) To Morris Run Then To **Pine Hill Mining Area**

11 — DOZERS — 11
Good To Very Good Condition
(6) CAT D9G & H Dozers w/Rippers
Komatsu D155A Dozer w/Ripper
Komatsu D65E Dozer
International TD25 Dozer/Ripper
CAT D6C Dozer
CAT D4D

4 — DRAGLINES — 4
(4) Lima 2400B Draglines w/CAT 379 Engines 120 Booms 1973 s To 1978

9 — LOADERS — 9
Good To Very Good Condition
(3) Hough 560 Loaders
(3) Hough 400 Loaders
Hough 120C Loader
Letourneau L 800 Loader
Terex 72 51 Loader

11 — PAYHAULERS — 11
Fair To Very Good Condition
(8) International 350 Payhaulers
(3) International 180 Payhaulers

4 — DRILLS — 4
(2) CP 750 Drill
CP 650 Drill
Reed SK40 Track Drill, (Like New)

CRUSHING & SCREENING PLANTS
(3) Rotary Breakers w/Conveyors
30' 120' Conveyors
(2) Rock Crushers
(3) 120' Radial Arm Stackers
100' Radial Arm Stacker

SCALES
Thurman 125 Ton Truck Scales 60 Long
Winslow 100 Ton Truck Scales 50 Long

ENGINES & TRANSMISSIONS
(2) Detroit 12V 71 Engines Completely Rebuilt
Detroit 16V 7 Engine, Completely Rebuilt
Detroit 6 71 Engine, Completely Rebuilt
Detroit 353 Engine w/PTO
(2) Rebuilt Transmissions For **International 180 Or 350 Payhauler**
(2) Rebuilt Transfer Drivers For **International 180 Or 350 Payhauler**
Allison Automatic Transmission For **Euclid R 22** Completely Rebuilt

OTHER EQUIPMENT
Clark Super 301 Grader
Lorain Truck Crane
P & H Crane
Linkbelt w/Shovel Front
Case 680C Backhoe
Reinco Mulcher
J D "A" Tractor
Stone Rake
Extra Buckets For **Hough 560 Loaders & Hough 400 Loaders, L 800 Loader**

RELATED EQUIPMENT
Generators Welders Air Compressors 3 7 cu yd Esce Buckets Other Large Buckets Light Plants Truck Bodies 15 Sets Of Dozer Chain & Pads (2) 50 Ton Fertilizer Bins **And Much, Much More**

PARTS
Very Large Inventory Of Parts To Be Sold In Lots For **Lima 2400B** Draglines **CAT Komatsus, International,** Etc, Etc

WED., JULY 18 — 9 A.M.

Entire 2nd Day Auction At Morris Run J & B Shop & Garage Area Follow Arrows From Blossburg PA

100 — TRUCKS TRUCK TRACTORS & TRAILERS — 100
(18) Tandem Truck Tractors — Ford White Brockway
(13) Aluminum Dump Trailers 28 Long w/Automatic Tarps
(2) Brockway, Tri Axle Dump Trucks
(1) Brockway Tandem Dump Truck
(3) Ford F600 w/Mechanics Bodies & Crane Booms
(2) Ford Broncos
(20) Pick Ups w/Mechanics Bodies
(5) Pick Ups
(2) Ford Boom Trucks (F700 F7000)
(3) Ford Fertilizer & Dynamite Trucks
(2) Ford Cable Trucks
(5) Ford Van Trucks (1 4x4)
(1) Smithco 50 Ton Detachable Gooseneck Lowboy
(10) Flatbed Trailers
(14) Van Trailers For Storage

MACHINE SHOP
Rexarc Automatic Welding Machine w/40 Bed (2) Miller 600 amp Welder Emerson 7' Metal Cutting Saw Southbend Metal Lathe w/8 Bed 150 Ton Hydraulic Press Bullard Vertical Turret Lathe Bridgeport Vertical Milling Machine Mig Welders Large Quantity Of Steel Chain Hoists Etc Etc

GARAGE & RELATED EQUIPMENT
Tire Shop Air Compressor Large Assortment Of Truck Parts Large Quantity Hydraulic Hoses Fan Belts Ignition Parts Oil Filters Shop Air Compressors w/ 15 hp Elec Motors Drill Presses Bench Grinders 20 Ton Press Welders Engine Hoists Jack Stands Truck Air Jacks And Much Much Much More

TERMS: All Purchases Must Be Paid For Sale Day Be Cash Cashier s Check Or By Company Check (Or Personal) Accompanied By A Letter From Your Bank **Guaranteeing** Funds Call **(717) 662 3131** Prior To Sale With Questions Pennsylvania Sales Tax Will Be Collected If Exempt, Have Tax # With You

Everything Will Be Sold With No Minimums, No Reserve — Except 4 Lima Draglines

— BROCHURE MAILED ON REQUEST —

Note We Feel This Is One Of The Best Maintained Spreads Of Equipment To Be Sold At Auction This Year All Heavy Equipment Is 1 Owner

•••SALE SITE PHONE — (717) 638-2169 •••
Inspection Dates Anytime By Appt Or During This 2 Weeks Prior To Sale

Managed And Sold By:
DICK CRITTENDEN AUCTION CO.
Mansfield, PA 16933
(717) 662-3131

Food All Day

Lic #AU000191 L

PUBLIC SALE
OF ANTIQUES, HOUSEHOLD GOODS BRASS BELLS, TOOLS, ELECTRIC SUPPLIES, CB's TRUCK, AUTO, SCHOOL BUSES

MON. JULY 9, 1984
at 10:00 A.M.

Loc. along Slackwater Rd., RD#1 Millersville, PA (just south of Funk's Farm Market; watch for signs)

Sale by
MRS. J. EARLE PFOUTZ
HOWARD SHAUB 464-3541
and Roy C. Probst
Auctioneers (AU-000831-L)

BANKRUPTCY AUCTION
MONDAY EVENING, JULY 16, 1984
At 6:00 P.M.

McClarrens Mower Service
Rt. 22-322, Duncannon, Pa., At West End of Clarks Ferry Bridge.

TOOLS - EQUIPMENT - PARTS
Emglo 5 Hp Air Compressor, Electric Welder, Bearing Press, Bench Grinder, Parts Washer, Parts Bins, Workbenches, large Asst. of New & Used Parts & Equipment for Lawn Boy, Rupp, Snapper, Toro, etc. Used Chain Saws & Parts, Barrel Pump, Chain Hoist, Mower Decks, Mowers, Belts, Tractor Parts, Fire Ext., Scrap Piles and Many Related Items!!

VEHICLES
1977 Datsun Pickup, 1975 Honda Motorcycle, 1974 Chevrolet, 1973 Datsun Pickup, 1947 Ford, 1946 Dodge, Snowco Trailer.

FIXTURES - OFFICE EQUIPMENT
20 Sections Metal Shelving, 2 Metal Desks, 1 Wooden Desk, 4 Drawer File, 4 Glass Display Cabinets, SCM Model 142 Copier, Signs, Racks, etc.

NOTE: Inspection Day of Auction Only!

LEON P. HALLER,
Trustee

KERRY PAE AUCTIONEERS
327 N Front St
Harrisburg PA 17101
(717) 236 3752
LIC No AU1367

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

TUES JULY 17 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa

WED JULY 18 6 30 PM Public Auction of the Apple Valley Sheep Producers Club 2nd Annual Ram and Ewe Sale Located in Frederick Co Fairgrounds, 3 miles north of Winchester on Rt 11, Winchester, VA Contact Wm S English, Jr 703-662-2927 or Gary Deoms 703-662-8721

THURS JULY 19 - Monthly Cow Sale at Mel Kolb, Inc Maryland Farm, Woodsboro, MD ½ mile North West of Woodsboro on Rt 550 in Frederick Co

THURS JULY 19 10 AM Public Auction of Construction Equipment Located in Aston, PA at the Elser & Diviney's yard and shop facility on Pennell Rd Vilsmeier Auction Co , Inc , Auctioneers

THURS JULY 19 7 PM Public Auction of Valuable Real Estate Located near Columbia, PA Turn on south 13th St and McKonley's Service Station & Laundromat Follow 13th St Extd to end and go approx ⅓ mile to sale site in West Hempfield Twp The Board of Directors of The Engineers Social & Educational Club Owners Jacob A Gilbert Auctioneer

FRI JULY 20 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son Auctioneers

SAT JULY 21 10 AM Public Auction of clean sweep contents of welding shop equip , H/D manure feeder, sandblaster, trucks, tools, machine shop items, etc Located 2 miles S of Avondale, PA ½ mile off Rt 41 on Penn Green Road 30 miles from Lancaster, PA David Counts, Owner Whiteside and Associates, Auctioneers

SAT JULY 21 11 AM Public Auction of Farm Machinery & Grain Trucks Located on Cox Nec Road, just off Rts 50 & 301 2nd traffic light north of the Bay Bridge Queen Anne Co , Chester, MD John W Legg, Owner Harry Rudnick & Sons, Inc , Auctioneers

SAT JULY 21 9 AM Public Auction of Valuable Real Estate and Personal Property Located in the village of Elm, PA just off Newport Rd at 835 Brubaker Valley Rd (near Bombergers Store) Margie Shelly, Owner E M Murry Assoc , Auctioneers

SAT JULY 21 11 AM Public Auction of Frick Saw Mill & Accessories Located on the premises at 1605 Fonderwhite Rd south of Lebanon Take Rt 419 Cornwall toward Schaefferstown Go north on Rexmount Rd to Fonderwhite Rd north to sign on left Amos S King, Owners G Harvey Weik, Auctioneer

SAT JULY 21 11 AM Public Auction of Real Estate A 769+ Acre "Bucktail Camping Resort" 21 Parcels from 10+ to 150+ Acres Located in Richmond Twp , Tioga Co , Mansfield, PA From Mansfield, PA (Rts US 6 & US 15) take US 6 west ¼ mile to Brooklyn St Turn right & go 1½ miles to Mann Creek Rd Turn left 1 mile to property Bucktail Park Associates, Owners Rell Auction, Auctioneers

SAT JULY 21 - Public Auction of Antiques, Guns, Collectibles, Currency and Personal property Located on 66 Prospect Rd , Elizabethtown, PA Brinser B Heistand, Owner Long & Wolgemuth, Auctioneers

AUCTION

ANTIQUE AND COLLECTORS CARS & TRUCKS

SAT., JULY 21, 1984
10 AM

TERMS Cash or Certified Check

Black River Road & Hacklebarney Road, Long Valley, N.J. 1 Mile east of Parker Rd. at Fairmount Fire House 8 Miles North at Oldwick exit, Route 78, 12 Miles South of Route 80 Netcong exit.

AUTOS

1915 Ford T Touring 1919 Overland Touring excellent condition apart for restoration 1921 Hudson Phaeton excellent original 1929 Ford A Murry Town Sedan Good original 1929 Ford A Fordor Leatherback good original 1929 Ford A Phaeton Excellent condition partially restored 1930 Ford A Town Sedan Excellent original 1939 Chevrolet 4 door Good condition 1940 Dodge 4 door Good condition God Father Car 1941 Buick 4 door Excellent condition 1941 Buick Parts Car 1941 Chrysler 4 door Sedan Fair Condition 1947 DeSoto 4 door Good condition 1947 DeSoto 2 door Excellent condition 1947 Plymouth Coupe Good condition 1949 Plymouth Woodie Wagon Excellent condition 1949 Frazer 4 door Fair condition 1948 Packard (Two) 4 door Sedans 1 Good 1 Fair 1949 Hudson (Three) 4 door Sedans Fair condition 1951 Ford 4 door Good condition 1953 Pontiac 4 door Parts car 1955 Chrysler 300 Hemi 2 door Good condition 1957 Chrysler New Yorker 4 door Good condition 1959 Chevrolet EL Camino P/U Good condition 1962 Chevrolet Corvair Conv (Two) Fair condition 1962 Chrysler 4 door Good condition 1963 Chrysler 4 door Good condition 1964 Chrysler 300 2 door Fair condition 1964 Chrysler 300 Conv Good condition 1966 Dodge Charger 2 door Good condition 1967 Cadillac DeVille conv Good condition 1970 Chrysler Hurst 2 door Excellent condition 1963 Imperial 4 door Good condition 1964 T Bird

TRUCKS

1937 Dodge Rack Truck Excellent Original 1941 Mack Fire Ladder Truck Good condition 1941 Chevrolet Rack Truck Fair condition 1947 Ward LaFrance Cab Chassis good condition 1951 GMC P/U Good condition 1956 Ford P/U Good condition 1964 Chevrolet P/U Fair condition 1939 International Back Body Fair condition 1945 International KB5 Flat Good condition 1947 International KB5 Flat Good condition 1947 International KB5 Dump Good condition 1973 International 1¹ Ton with Holmes 480 Split Boom Wrecker Excellent condition 1971 Winnebago 26 ft Motorhome Good condition 3 Car Trailer for Truck Tractor Excellent condition 120 CC J R Compressor 20 Antique Engines (Gas) Fire equipment Ladders Nozzles/Hand siren Fire House Siren/Hose connection from 1919 Ward LaFrance

Sellers:
Howard G Ehmann
&
E Gilbert Taylor
201-876-3330
201-879-6678
Auctioneer:
Nelson Weidenbaugh

PUBLIC SALE

OF REAL ESTATE

TUESDAY, JULY 24, 1984
@ 7:30 P.M.

Located one miles west of Sadsburyville on Wilmington Road, West Caln Twp., Chester Co., Pa. From Rt. 30 at Sadsburyville go north 1 mile on Wilmington Rd. to property.

Real Estate consists of approximately 4 acre property with a 2½ story stone house. 1st floor has kitchen, dining room, large living room with stone fireplace, hardwood floors and open stairway to 2nd floor. 2nd floor has 4 bedrooms and 2 baths Basement has dirt floor; new hot water heater; 275 gal. oil tank; OHA heat; plastic plumbing; shingle roof. The 4 acres of land is level to gently sloping and has a small stream.

This property has a nice setting in a good location; however, the house needs some redecorating work.

INSPECTION: Thursday, July 5 from 7:00-8:30 P.M. or by appointment.

TERMS: 10% down day of sale, settlement within 45 days.

TERMS BY:
JOHN S. & FLORENCE STOLTZFUS
Atty: Linda Kling
Alvin Horning, Auctioneer
HORNING FARM AGENCY, INC.
Main St., Morgantown, Pa. 19543
215-286-5183

PUBLIC AUCTION

WEDNESDAY, JULY 11, 1984
At 11:00 A.M.

West of the Village of MALTA; 2 miles South of Dalmatia in Lower Mahanoy Township, Northumberland County, Pa.; 6 miles North of Millersburg; 18 miles South of Sunbury; ½ mile off Rt. 147 along Mahantongo Creek Road (watch for auction sign the day of sale)

FARM EQUIPMENT

Int. 766 Diesel Tractor; Int. 656 Gas Tractor; 510 Int. 5x16 Plow; Brillion 12' Harrow; Case 10' Transport-type Disk; Int. 990 Haybine; Int. 435 Baler w/No. 15 Thrower; Gehl 700 Forage Harvester w/2-Row Corn & Grass Pickup; New Holland & Gehl Self-unloading Wagons; (2) Flat Bed Wagons w/Hay Sides; Huskee 165 Gravity Flow Wagon; Int. Fast Hitch; 7' Sickle Mower; Ferguson 3-Pt. Side Delivery Rake; Ford 3-Pt. 2-Row Planter; Int. 234 2-Row Mounted Corn Picker; Int. 550 Manure Spreader w/End Gate; Weed Sprayer w/200 Gal. Tank; N.H. 38' Elevator; 3-Pt. Scraper Blade; Model 500 VG Mojonnier Milk Tank; approximately 100 Tons Silage.

NOTE: Be Prompt! No Small Items.

Sale ordered by:
FARMERS HOME ADMINISTRATION
(717) 425-3313
Mike, Auctioneer
AU-001599-L
George, Realtor &
Auctioneer AU-000209-L

DEIBERT

ABSOLUTE PUBLIC AUCTION

BUTCHERING EQUIPMENT
FAMILY ANTIQUES - COLLECTIBLES
SATURDAY, JULY 14, 1984
10 a.m.

West of Phoenixville Pa. Located right at the intersection of Routes 23 & 100 formerly Detweiller's Meat Farm.

Hobart (Floor Model 5116) Band Saw Meat Slicer, 2 Butchering Blocks & 2 Cutting Tables, & 3 Corian Top Tables, G.E. Chest & Upright Freezers, Steam Master Meat Slicer, Butcher Boy Grinder Model TGA, 2 Frigidaire Walkin Cooler Compressors, Hobart Steak Master, 2 Elec. Toledo Deli Scales, Large Fairbanks Scale (feed), Large Ceiling Russell Meat Slicer M59 for Cutting Half Sections, Chain Hoist, Wooden Insulated Cooler Doors, Misc. Other Table Top Scales, Meat Hooks & Pulleys Galore, Stainless Trays & Carts, Elec. Water Htr., Wrapping Paper, Meat Tracks (Ceiling), Knives & More, Everything & Anything You Need for Starting Or Supplementing a Butchering Shop will be found here and will be sold without reserve. Plus exciting old family Antiques.

Call for Details:
Ken Moyer
Auctioneer
AU-001800-L
215-323-7313

"Your Specialist in Resident & Commercial Liquidations"
Call for Free Advise

PUBLIC AUCTION

SATURDAY, JULY 21, 1984
HOUSEHOLD GOODS, ANTIQUES, BUTCHERING EQUIPMENT, TOOLS
Commencing At 9:00 A.M.

Located 5 Miles SW of Mifflinburg Off Route 104, on Red Ridge Road. Midway Between White Springs & Swengel, Pa., Union County.

UNION COUNTY
60 ACRE FARM

60 Acres More or Less, Whereon Is Situated Bank Barn With Straw Shed, Milk House, 10 x 35 Silo, Outbuildings; 7 Room Early Log House, Aluminum Sided, With Bath, Oil Furnace, Storm Windows, Large Front Porch. In Good State of Repair. Has Possibilities For Development.

Immediate Possession. To Be Offered At 1:00 P.M. Real Estate Can Be Purchased Prior To Sale Or Sale Day. For Inspection Call 717-922-1206 or 717-966-1467.

TERMS: Real Estate — 10% Down.

Owners & Auctioneer Not Responsible For Accidents.

ESTATE OF: EARL BOOP
Betty Boop Hess
Earl James Boop,
Executors

ATTORNEY: Thomas E. Boop
AUCTIONEER:
Wayne M. Hess, 922-1206.
Auctioneer No. AU-000411L
LUNCH SERVED

GOOD'S AUCTION

111 N. Maple Ave. Leola Pa.
Hay and Straw Sales Every Wed.
At 12:00 Noon
FARM MACHINERY SALES
FIRST AND THIRD WED.
FEB. THRU OCT.
AT 9:00 A.M.
Loading Hours 8:00 a.m. To 6:00 p.m.

ALL KINDS OF BUILDING MATERIAL
At 11:00 A.M.

No Household Items
No Junk
No Out Of State Checks
Flea Market Stands Available
First and Third Wed.
At $3.00/$4.00

Goods Auction
111 N. Maple Ave.
Leola PA. 17540

PUBLIC AUCTION

OF FOUR (4)
LARGE STRUCTURES

Location: Off Route 372, 4 miles West of the Buck at Muddy Run Park entrance. First farm on right, 15 miles South of Lancaster on Route 272.

TUESDAY, JULY 17, 1984
1 P.M.

25x80 harvester with Goliath unloader; 20x70 harvester with Hercules unloader; 62x14 Flurry Store, turn key with pump and agitator. Built in 1981; 30x80 Madison Stave Silo with Star Line ring drive unloader and roof. Built in 1981. Unloaders will be offered separately. 10% down. Balance 60 days or before moving.

Terms by:
JACOB R. GROFF
717-284-4796

J. Everett Kreider
AU-0512-L

PUBLIC AUCTION

REPOSSESSED VEHICLES
THURSDAY EVE., JULY 12, 1984
AT 6:00 P.M.

8261 Derry Street, Hbg., PA. (Former Hbg. Asphalt Bldg.)

CARS, TRUCKS, BOAT, MOTORCYCLE, FORKLIFT

1983 Ford Customized Van Loaded 18,000 Miles; 1983 Ford Bronco 4WD 31,000 Miles; 1982 Glasstream 15½ Ft. Bass Boat w/Trailer & 9.9 hp Johnson Motor; 1981 Ford Fairmont 33,000 Miles A/C; 1981 AMC Eagle 4 WD 42,000 Miles; 1980 Ford Thunderbird Loaded 48,000 Miles; 1980 Suzuki Motorcycle 550cc; 1979 Chevrolet Caprice Classic 62,000 Miles; 1978 Chevrolet Malibu 62,000 Miles; 1978 Pontiac Gran Prix; 1978 Datsun F-10 68,000 Miles 4 sp.; 1977 Ford Thunderbird; 1977 VW Rabbit; 1976 Chevrolet Luv P/Up Truck; 1973 Ford Thunderbird; 1972VW Wagon; Clark 2,000 lb. Propane Fuel Forklift.

NOTE: Payment in FULL at time of Auction. All Vehicles sold "AS IS". All Vehicles MUST be removed Evening of Auction. INSPECTION: Tues. July 10, 1984 between 1:00 P.M. and 7:00 P.M., and day of Auction from 1:00 P.M. until sale time. NO EXCEPTIONS. Do not contact Bank for info., Contact Auction Co. Please. NO OUT OF STATE CHECKS.

COMMONWEALTH NATIONAL BANK
FULTON BANK

KERRY PAE AUCTIONEERS
327 N Front Street
Harrisburg PA 17101
(717) 236 3752

LIC. NO. AU1367

ESTATE AUCTION

SATURDAY, JULY 14

at 10:00 A.M.

East side of the Village of LAVELLE, Butler Township, Schuylkill County, Pa. 6 miles N. of I-81, Exit 35; 2 miles W. of Ashland. (Watch for auction sign along Main St., Lavelle the day of sale)

28 ACRE FARM

3-BEDROOM DWELLING, BATH, ELECTRIC HEAT, SMALL BARN

FOR INSPECTION CALL: (717) 339-0749 CANCELLED

TERMS: 10% on the day of sale, further terms and conditions to be announced when real estate is offered at 11:00 A.M.

HOUSEHOLD FURNISHINGS including: Whirlpool Continous Clean 30" Harvest Gold Electric Range; G.E. Refrigerator, both nice condition; Wooden Dinette; Zenith B&W TV; Living Room & Bedroom Furniture; etc.

ANTIQUES & COLLECTIBLES including: Seller's Kitchen Cabinet w/Flour Sifter; Kitchen Coal Stove w/Warming Closet; Early Crosley Console Radio; OAK Rockers, Chairs, Sideboard, Bureaus & Stands; Singer Treadle Sewing Machine; (2) Violins; Accordion; Guitar; JOHN DEERE GASOLINE ENGINE; King Grain THRESHER model 576 built by Schaeffer & Merkelson, Fleetwood, Pa.

FARM EQUIPMENT including: Dump Rake; Harrow; McCormick Grass Mower; Potato Plow etc.

ESTATE OF
JUSTINA STEPANCHICK
Co-Executors,
ROBERT B. SACAVAGE &
JOHN STEPANCHICK

Esq.
Robert L. McLaughlin
Auctioneer Mike Deibert,
AU-001599-L
(717) 425-3313
Realtor & Auctioneer
George Deibert,
AU000209-L

Lunch Available

DEIBERT

PUBLIC AUCTION

FARM MACHINERY, EQUIPMENT, TRUCKS

The undersigned Owner will sell the following at PUBLIC AUCTION ON THE PREMISES of the ABERDEEN SALES COMPANY located on CHURCHVILLE ROAD (MD. Rte. #22) approx. 6 miles east of the Town of Bel Air and 6 miles west of the Town of Aberdeen, in Harford County, Maryland on

WEDNESDAY, JULY 11, 1984

at 6:00 P.M. (EDST)

IHC 240 Utility Tractor w/3 pt. hitch; IHC FARMALL Model 300 Tractor w/Loader - 2 pt. hitch; IHC LOADSTAR 1600 (1962) w/14 ft. Aluminum Van Body; 1973 DODGE 100 Club Cab Pick-up; CENTURY 200 gal. Field Sprayer; J-D 7 ft. 3 pt. Agri-mower; 2 Trailers; IHC 2 pt. Disc Harrow; Flat Farm Wagon; 28 ft. Hay Elevator; 3 pt. Springtooth Cultivator; 3 pt. Rigid Tooth Cultivator; 3 pt. 5 ft. Rotary Mower; IHC 2 pt. 3x12 Plow; Farm Gates; JD SD Rake - Model 858; Portable 2500 Watt POWERLINE Elec. Generator w/Gas Motor; Corn Sheller; 6 HP TROYBILT Garden Worker.

TERMS: CASH or APPROVED CHECK. Purchasers of Motor Vehicles must comply with Maryland State Inspection Laws.

C.J. KREINER, OWNER
JOHN H. O'NEILL, Agent
301-838-6980

Following the sale of the above machinery and equipment, the following machinery will be sold by WALTER G. COALE, INC. of Churchville:

Model 14T J-D Baler; Model 68 N-H Baler; FORD Belt Pulley; 2-Row M-F Cultivator - 3 pt. hitch; M-F 2-bottom plow - 3 pt. hitch; 3-pt. J-D 2-Row Corn Planter; N-H Model 270 Baler with Thrower; Weed-Eaters.

ABERDEEN SALES COMPANY
KENT R. FERRELL, AUCTIONEER
SALES MANAGER

NOTE: This is a short sale of useful equipment. There will be no small items.

PA. AUCTIONEER'S LICENSE NO.
AU-000689-L

Public Auction Register

Closing Date Monday, 5 00 P M of each week's publication

By Order of
"BUCKTAIL PARK ASSOCIATES"

REAL ESTATE AUCTION

As Parcels, Combinations or Entirety
★ **769± ACRE**
"BUCKTAIL CAMPING RESORT" ★
Richmond Twp. - Tioga County
Mansfield, PA
21 PARCELS
from 10± to 150± ACRES
"100 Ac.± Bucktail Camping Resort"
4 Bd. Frame Home with 20 Ac.±
19 Other Parcels Excellent Vacation, Year Around Home, Farmette, Sites.

DIRECTIONS: From Mansfied, Penna. (Rts. U.S. 6 & U.S. 15) take U.S. 6 WEST ¼ Mile to Brooklyn Street turn RIGHT go 1½ Miles to Mann Creek Road Turn LEFT - 1 Mile to Property - WATCH FOR SIGNS!

Sale On The Premises
SATURDAY, JULY 21 at 11 A.M.
PROPERTY INSPECTION
Saturday & Sunday, July 7 & 8
11 A.M. to 2 P.M.
ATTRACTIVE OWNER FINANCING
20% Down - 10% Interest

15% DEPOSIT by CASH or CHECK at TIME of SALE.

REQUEST BROCHURE

By RELL AUCTION
Real Estate Brokers — Auctioneers
Bonded & License AU-001844-L
252 ALLEGHENY STREET
JERSEY SHORE, PA 17740
717-398-7316

PUBLIC AUCTION

SHOP EQUIPMENT, TRACTOR, WOOD SPLITER, GOOD TOOLS, PERSONAL PROPERTY, ETC ON PREMISES

SATURDAY, JULY 14, 1984

10:00 A.M. Sharp

LOCATION: #200 Mt. Pleasant Ave., Oxford, PA. 30 mi. from Lancaster, Pa.

TRACTORS, MOTORS, ETC — 1946 Cockshutt Tractor ex-cond. (2) Wisconsin engines w/electric start gd running cond, 2 hp Air Compressor, 1½ ton dual wheel trailer w/sides, 3½ ton 8 hp wood spliter w/2ft stroke, 6 cyl snow plower w/cab, 160 gallon air tank, Lincoln 225amp welder, Fox 6/12 battery charger, ½ hp motor gd cond, Homelite (26", 18", 17" cut) chain saws, Wizard 14" chain saw w/case, Sev. Heavy work benches, 150lb. anvil, H&W floor jack, Torch cart outfit, Vices, Mack 7-drawer tool chest, Snap ON 8-drawer tool chest, Kerosene heater, Yale ½ ton chain hoist, Many other fine items not listed.

AIR, ELECTRIC, POWER TOOLS, ETC — Craftsmen; ¾ hp 8" Table Saw, 8" Disc Grinder, 24" Miter Box, Electric Planer, Rockwell, ½" impact wrench, 3/8" air rachet, air grinder, air drill, 8" Skillsaw, Electric Sander, Snap On; 6/12 volt time light, Lots of Hand Tools, Shopmate sabre saw, Black & Decker, ½" drill, 3/8" drill, Wizard 4" belt sander, 4½" drill press w/½ hp motor, c-clamps, grease gun, 12½" Electric Hacksaw, Sterling 30½" drill press, Many fine small tools not listed. Good Sale be sure to be on time!

Above list for adv. purposes only. No guarantee or recourse. Not resp for accidents.

By Order;
Rosa B. Prewitt, Executrix
ESTATE OF GRANT H. PREWITT
Auctioneers,
Whiteside & Associates,

H Whiteside	D Wright	J Whiteside
AU 001006 L	AU 001041 L	AU 001214 L
1 215 932 2291	932 2114	857 2149

Lunch served by ALA #535

SAT JULY 21 10 AM Public Auction of Antique and Collectors Cars & Trucks Located on Black River Rd & Hacklebarney Rd, Long Valley, NJ 1 mile east of Parker Rd at Fairmount Fire House, 8 miles nor... Clawick ex it, Rt 78, 12 miles south of Rt 80, Netcong exit Howard G Ehmann & E Gilbert Taylor, Owners Nelson Weidenbaugh, Auctioneers

AUCTION

WED. EVE. JULY 11, 1984

7 PM

REAL ESTATE

Location: Rothsville Road from Route 272, ½ mile, turn right, Rettew Mill Road, ¼ mile across covered bridge. First house and barn on left at 983 Rettew Mill Road, Ephrata Twp., Lancaster Co., PA.

REAL ESTATE

2.7 plus acres of ground; 1½ story, 7 room frame house with both oil burning/hot water heating system. Full concrete basement with outside entrance. Large bank barn with box stalls for horses. 3 car garage, metal tool shed, 2 wells on property, septic system. Zoned commercial.

Inspection: Friday, June 29 from 4-7 PM
Sale at 7 PM

Owners,
ELPEE LTD.

Auctioneer,
Abe Diffenbach
225-L

SAT JULY 21 9 AM Public Auction of Household Goods, Antiques, Butchering Equipment & Real Estate Located 5 miles southwest of Mifflinburg off Rt 104, on Red Ridge Road Midway between White Springs and Swengel, PA, Union Co Earl Boop, Estate Betty Boop Hess & Earl James Boop, Executors Wayne M Hess, Auctioneer

TUES JULY 24 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa

TUES JULY 24 7 30 PM Public Auction of Real Estate Located 1 mile west of Sadsburyville on Wilmington Rd, West Caln Twp, Chester Co, PA From Rt 30 at Sadsburyville go north 1 mile on Wilmington Rd to property John S & Florence Stoltzfus, Owners Alvin Horning, Auctioneer Horning Farm Agency, Inc

THURS JULY 26 10 AM Public Auction of Well Drilling Equipment Located in Dublin, PA at Sam Moyer's shop facility in Dublin Vilsmeier Auction Co, Inc, Auctioneers

LITITZ AREA MENNONITE SCHOOL ANNUAL BENEFIT PUBLIC AUCTION

SATURDAY, JULY 14, 1984

Auction Time: 9:00 A.M.

Location: Take Route 501 North from Lititz to Newport Road, turn right approx. 2 miles to the school on right. Warwick Township, Lancaster County, Pa.

TWENTY-FIVE "PLUS" QUILTS

Various sizes and patterns, including: LANCASTER ROSE, KANSAS ROSE, RAIL FENCE, 2 SAMPLER Quilts, BRIDAL WREATH, GIANT DAHLIA, DOUBLE WEDDING RING, DRESDEN PLATE, NEW PATTERN and many others; assortment of Craft Items, including Macrame, Hand Painted Items, Hand Made Cabbage Patch Type Doll; Rug Runner; Walnut Wood Shadow Box Picture; Oil Painting of School;

COLLECTIBLES

5 Norman Rockwell Figurines, including: Puppy Love, Off To School, Baby's First Steps, For A Good Boy, Looking Out To Sea; Norman Rockwell Mugs; 2 Kaiser Patterns; Westmoreland Cut Glass; 2 DOLLY DINGLE Plates, one Spain, one Italy; Squirrel Figurine; HUMMEL Collector Sampler (Apple Tree Girl); 1978 HUMMEL Belt, 1st Edition; 1979 HUMMEL Bell; 1979 Hummel Plate; Clear Pinwheel Bell; Hand Painted Peach Butterfly Bell; 2 Gobel Fine China Bells; 8 pc. West Virginia Glasses; Fenton China; 2 Shirley Temple Plates, Baby Takes a Bow and Curly Top; Germany Cut Glass Candy Dish; Limited Edition Handcut Deer Plate; Goble Swan; Pink Sculptured Roses; Vegetable Dishes; 2 FENTON Figurines, Old Lady with Turkey and Sitting Boy-Girl; England Teapot; Gobel Doll on Secret Path; Bohemia Glass; Fenton Hobnail; Mickey Mantle Plate, Serial #2631 with Certificate; Norman Rockwell Plate, Grandpa's Guardian, Serial #1395 with Certificate; Norman Rockwell Celebration Plate; Blue Fenton Scalloped Dish; Cut Crystal Dish; Handmade Scale Model Walking Plow; Wooden Toy Train; Old John Deere Riding Pedal Tractor; Wheat Cradle; plus many others;

NEW ITEMS INCLUDE
2 AIR TIRE EXPRESS WAGONS

23 cu. ft. and 19 cu. ft. CHEST FREEZERS: BOLENS 22" Self-propelled Mower; Lawn Dump Cart; Tool Cabinets; 2¼ Ton Floor Jack; Dusk to Dawn Light; Express Wagon with solid tires; 10 Speed Bicycle; Bicycle Accessories; 15 ton Crushed Stone; 100' Extension Cord; Tingley Boots; Hoover Vacuum Cleaner; Garden Tools; Automotive Supplies; Engine Oil; Firewood; Dog Food; Weed Eater; Lawn Furniture; Toy Farm Tractors and Equipment; Black Top Sealer; Butane Gas Candle; Pottery Items; Fire Extinguishers; Log Splitter; Designed Mailbox Posts; Velour Living Room Suite; Platform Rocker; Sofa Bed; Table Lamps; Nursery and House Plants; Household Items; Gift Certificates from area businesses; Dinner Ticket from area restaurant; Meat Products; Poultry; Turkey; Fruit Tray; Apples; Eggs; Etc.;

USED ITEMS

Typewriter; Youth Bed; Chest of Drawers; Cedar Chest; Bicycles; Mowers; Chain Saw; and more.

Auction By:
LITITZ AREA MENNONITE SCHOOL
717-626-9551

Auctioneers:
John D. Stauffer AU-001509-L
Elvin Siegrist
Merle Eberly
Paul E. Martin AU-001601-L

NOTE: Any patrons or friends of the school wanting to donate items for this auction please contact one of the following: Ernest Stauffer, 717-733-3763; or Robert Garman, 717-627-0555.

Come early and have lunch from this menu: Roast Pork Sandwiches; Salad Bar; Subs; French Fries; Dipped Ice Cream; Pies; Cakes; Root Beer Floats; Sundaes.

Auction to be held in tent. Bring a lawn chair and plan to stay all day!

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

THURS JULY 26 12 Noon 8th Annual Yankee Syndicate Sale of 50 production bred Jerseys Located at the Fair Weather Farm, New Lebanon New York

THURS JULY 26 - 1 PM Public Auction of 31 Head of High Grade Holstein Heifers all bred for summer and fall freshening Also 55 ton ear corn Located 4 miles northwest of Oxford, PA on GlenRoy Rd Frank & Jettie Mills, Owners Steve Petersheim, Auctioneer

THURS JULY 26 - 6 30 PM Public Auction of 3 Large Grain Drying Bins, Augers, 2 Feed Bins and Odd Roller Mill Equipment Located 3 miles north of Lititz, just off 501 along Zartman Mill Rd, Lanc Co, PA Dennis Pierce, Owner Carl Diller, Auctioneer

FRI JULY 27 - 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

FRI JULY 27 - 7 PM Public Auction of Bred and Open Gilts and Boars Located at the Lebanon Fairgrounds, Lebanon, PA PA Duroc and Yorkshire Association, Owners Harry Bachman, Auctioneer

FRI JULY 27 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI JULY 27 & SAT JULY 28 - 9 AM Public Auction of Old and Rare Antiques, Household Goods, Car, Guns and Real Estate Located midway between State College and Huntingdon, PA on Rt 26 at McAlevys Fort, PA Mrs Wm Miller and Pearl N Smith, Estate Penn Central Nat'l Bank, Executor Mark Glick, Auctioneer

SAT JULY 28 9 AM Public Auction of 20 Bucket Trucks, Line Equipment & Several Vehicles Located in Jackson, Michigan at 2917 Wildwood Ave The Consumers Power Co, Owners Vilsmeier Auction Co, Inc, Auctioneers

MON JULY 30 - 12:30 PM Public Auction of Modern Farm Machinery Located between Lititz and Manheim along Temperance Hill Rd From Lanc. take Rt 501 north to Lititz In Lititz, take Rt 772 west 2 miles to farm on left Lanc Co, PA Joseph M. Cassel, Owner Paul E Martin & John D Stauffer, Auctioneer

PUBLIC AUCTION

SATURDAY, SEPTEMBER 1, 1984

VALUABLE REAL ESTATE
40 ACRE DAIRY & POULTRY FARM

Located in Lancaster Co., PA 2 mile Southeast of Strasburg at Jct. of 896 and Paradise Lane go South on Iva Rd., 1st farm on right.

Bank barn, 29 comfort stalls, box stalls, 12x60 silo tobacco shed, 10,000 capacity cage layer house, 2½ story house, 5 bedroom.

OWNERS
JOHN D. & REBECCA K. GLICK

10% down sale day, final settlement 60 days.

For Appointment Call 717-786-4624
Auct., Steve Petersheim, AU001349L

COUNTRY REAL ESTATE AT ESTATE SALE

WEEKEND RETREAT OR PERMANENT HOME

FRIDAY EVE., JULY 13, 1984

6 room frame dwelling on 1 1/3 acres. 174 ft. river frontage & 174 ft. road frontage. Excellent fishing & boating from a beautiful lawn full of mature trees, roofed pavilion w/fireplace. Must see to appreciate.

For more info or brochure, contact:

Long's Auctioneering Service
RD #1, Port Royal, Pa. 17082
Ph. 717-527-2405 or 2364

ABSOLUTE AUCTION

Retiring from farming, I will sell the following at my Mother's home located on Cox Nec Road, just off Routes 50 & 301, 2nd traffic light north of the Bay Bridge, Queen Anne Co., Chester, MD.

SATURDAY, JULY 21, 1984
at 11:00 a.m.

FARM MACHINERY: INTERNATIONAL 766 Diesel & 666 Diesel & Super M TRACTORS, INT. 715 Gas Combine w/cab, 13' table, 4 row 38" corn head...Int. 5 bottom plows #510, 4 bottom plows #540, 3 bottom 14" pull type plows, 4R RM cultivators, 4 row #56 planter, 3 Int. double discs 12', 11', 10', plus 2 flat wagons, grain funnel wagon, John Deere 17 tyme drill, Bush Hog model 306 rotary mower, Chattanooga 14' crow foot transport cultipacker, Brillion field cultivator, Rhino grader blade, 12' cultipacker, plus some yard and hand tools.

GRAIN TRUCKS: '77 Int. model 1700 truck, 404 8 cy. motor 15,000 miles, '74 Int. model 1700 truck, 345 8 cy. motor 19,000 miles. Both trucks have 2 speed rears. (excellent condition-true mileage)

Owner,
JOHN W. LEGG
Cox Neck Road, Box 751
Chester, MD 21619

HARRY RUDNICK & SONS, INC.
Auctioneers & Managers
of Galena, MD (301) 648-5601
LUNCH

PUBLIC AUCTION

SATURDAY, NOVEMBER 17, 1984
9:30 A.M.

85 ACRE DAIRY FARM 1:00 P.M.
FARM MACHINERY

Located in Lancaster PA on South Gap Road. 1½ mile South of Gap from Rt. 41 cross RR bridge turn left, follow Gap Rd. to 1st lane on left, 2nd farm.

50 Acres in Tillage, Balance in Pasture, 2½ Story Stone House, 4 Bedrooms, Kitchen, Living and Dining Rooms, Fireplaces, Bank Barn with Att. 32 Comfort Stall Barn, 2 Silos, 2 Corn Cribs, Spring Water, Implement Shed, Ready to Move in and Operate.

10% Down Sale Day, Final Settlement January 1985.

For Appointment To See Farm Call 442-4452 or 442-8501.

Estate of **CHRISTIAN K. LAPP**
Executors- Naomi F. Lapp
Tomas C. Lapp

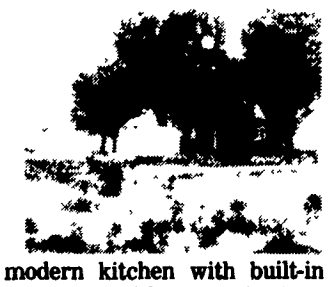
Auct., Steve Petersheim
717-786-4624

PUBLIC AUCTION

SATURDAY, JULY 14, 1984
AT 12:00 P.M.

Located At Carsonville, Pa., Jefferson Township, R.D. 2, Halifax, Approximately 12 Miles East Of Rt. 225 On Powells Valley Road Or Carsonville Road, Or 1 Mile South Of Elizabethville On rt. 225 To The Mountain House Road And 9 Miles South To Powells Valley Road And 1 Mile East To Sale. Watch For Sale Signs.

46 ACRE FARM



With 2½ story frame dwelling with modern kitchen with built-in microwave oven, a large dining room and living room with mountain stone fireplace, second floor includes 3 bedrooms and a bath; Home has electric baseboard heat with extra chimney for a woodburner. Entire house has been completely remodeled, with new wiring, plumbing, new roof and insulation. Storm windows and doors throughout and fresh well-water. Also, a large bank barn, corn crib and other out buildings. Added feature is a 16'x36' in-ground swimming pool with all accessories included.

Buildings are centrally located on the acreage. Ground is level and all tillable. THIS FARM IS LOCATED IN THE UPPER END OF BEAUTIFUL POWELLS VALLEY, which is known for some of the best deer & turkey hunting and trout fishing in Pennsylvania.

BE SURE TO INSPECT... FOR INSPECTION CALL 362-8870.

TERMS OF REAL ESTATE ARE 10% DOWN & OTHER CONDITIONS THE DAY OF SALE.

OWNER,
JOHN STEHMAN
ATTORNEY
EARL RICHARD ETZWEILER

ED SHOOP, AU-000A42-L
DAVE DEIBLER, AU-001213-L
AUCTIONEERS
717-896-8305

PUBLIC SALE

MARY SPANGLER BROWN ESTATE
SATURDAY, JULY 14, 1984
9:00 A.M.
REAL ESTATE, ANTIQUES, HOUSEHOLD

20 S. Lancaster St., Jonestown, Pa.

2½ story frame dwelling, situated on a lot approximately 35 x 200 ft. 7 room house - 3 rooms and kitchen on first floor, 3 rooms and bath on second floor, enclosed rear porch, full basement. Oil fired base board hot water heat, aluminum siding and metal roof, city water, sewerage hook up to system. This property is in good state of repair.

Real Estate will be offered at 11:30 a.m.

PERSONAL PROPERTY - oak dry sink, two jelly cupboards, 3 piece living room suite, oak extension drop leaf table with leaves, schoolmasters desk, book case desk, 3 piece oak bedroom suite, vanity dresser, simmons bed, pine blanket chest, chest of drawers with glass knobs, wood chest with back and wood carved arm rests, three wardrobes, Minnisota tredel sewing machine, 2 camel back trunks, four cloths trees, assorted cane seat chairs, rocker and bench, pressed back chairs, five plank bottom matched chairs and rocker, oak wash stand with matching dresser, other wash stands, parlor rocker, night stands, parlor stands, platform lounge rocker, gold leaf mirror, small doll cradle, doll coach, two brass buckets, carpet, hooked throw rugs, bedding, scarfs and doilys, baskets, picture frames, upright vacuum, G.E. refrigerator with freezer, May Tag wringer washer, iron stone English and German China, glass ware, large amount of cookie cutters, chocolate pot, agate ware, cast iron skillets, sad irons, kerosene night lamp, cooking utensils, small amount of hand and garden tools. Many items not listed.

For inspection of property call for appointment.

Announcing Coin Sale
MON. EVE. JULY 16, 1984
4 PM
Same location as above

300 Coins:
36 Silver Dollars ranging from 1814-1926; 72 Half Dollars, 1829-1972; 36 Quarters, 1876-1964; 100 Indian Head Pennies; 8 large Pennies, 1827-1857; 7 2 cent pcs.; Wheat Nickles; Buffalo Nicholes and Silver Dimes.

Real Estate Terms 10% down balance in 30 days

NOT RESPONSIBLE FOR ACCIDENTS
CHECKS BY APPROVAL ONLY

Terms by Adminsitratrixs'
MRS. LENA DITZLER
865-6878
MRS. MARY FIELDS
273-4728

Attorney-
PHILIP FEATHER
Ralph B. Heisey
AU-000400-L
John Cooper
AU-001332-L

Refreshments by Walmer UCC Church

ABSOLUTE AUCTION

COMPLETE LIQUIDATION
MONDAY EVE. JULY 9, 1984
AT 6:00 P.M.

Martz Seafood House, 6106 Carlisle Pike, Mechanicsburg, PA, Across From Capitol City Mazda/Toyota.

RESTAURANT EQUIPMENT

Capitol Walk-in Refrigerator 44'x9', 10'x10' Walk in Freezer, Hill Refrigerated Display Case 12' in Length, 2 Poseidon Lobster Tanks 8' & 4' Long, Delfield Refrigerator, Manitowoc 400 lb Ice Maker, Lang Quartz Broiler, Stainless Steel Raw Bar 5'x30", Cleveland Steamcraft Steamer, Ansel Fire Extinguishing System, Duke 5 Hole Steam Table, Wolf 4 Burner Gas Range, Stainless Steel Work Table/Shelf/Sink, Vulcan Gas Deep Fryer, Frymaster Deep Fryer, Stainless Steel Fillet Table w/Drawer, 10 30"x30" Tables, 30 Chairs, 30 Booths w/Tables, Wrapping Machine, Sweda Electronic Cash Register, 3' Food Warmer, Metal Shelving Racks, Utensils, Pans, Pelouze Scale, Admiral Refrigerator, GE Upright Freezer, Carrier 20,000BTU A/C, Sears A/C, 200lb. Ice Bin, Formica Counters, Toaster, Plasticware, Rubbermaid Trash Cans, File Cabinets, Fire Extinguishers, Other Related Equipment.

FIXTURES

Frig-King Model PHR-90-31 Rooftop Central A/C, 275 Gal. Oil Tank, Electric Hot Water Heater, 3 Steel Doors, 3 Glass Doors, Carpeting, 4' Flourescent Lights, Suspended Ceilings, Interior Doors, 600 Amp Main Panel, 200 Amp Panel, Track Lights, 10 Quartz Iodine Lights, Exit Signs, 2 Toilets, Sinks, Other Items.

NOTE: Building will be demolished, everything goes. BUYERS MUST REMOVE ALL ITEMS BY WEDNESDAY, JULY 11, 1984 AT 4:00 P.M.

AUCTION BY
SECURED PARTY

KERRY PAE AUCTIONEERS
327 N. Front Street
Harrisburg, PA 17101
(717) 236-3752

LIC. NO. AU1367

Dairy and Livestock Sales

8th Annual YANKEE SYNDICATE SALE

Fair Weather Farm, New Lebanon, New York.

THURSDAY, JULY 26, 1984

12:00 noon

50 production bred Jerseys
Mostly fall milk
Trucking available
Something for Everyone
Be our guests for lunch at 11 30

For catalog or reservations contact.
Mrs Stanley Chittenden
P O Box 275 P
Fair Weather Farm
New Lebanon, New York 12125
Phone 518 794 9591

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

TUES JULY 31 - 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa

AUG

THURS AUG 2 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

THURS AUG 2 - 9 AM Public Auction of Steam Engines, Marine Gas Engines, Antique Farm Machinery, Six Peerless Saw Mills and Steam Equipment Accessories Located in Centreville, MD Robert & Miriam Dean, Owners Col Ross Rhodes, Auctioneer

FRI AUG 3 5 AM Public Auction of Farm Equipment, Pick-up, Sheep, Tools, Lumber, Butchering Equipment, Etc, Straw and Hay Located 5 miles west of York on Rt 30 thence turning north 3 miles on Biesecker Mill Rd, crossing Rt 234 to Emigs School Rd thence East ½ mile to sale in York Co, PA Harry T Rudisill Owner Clair R Slaybaugh, Auctioneer

FRI AUGUST 3 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI AUG 3 6 30 PM Public Auction of the Aulworth Farms 1st Annual Heifer Sale Selling approx 60 head of Bred Holstein Heifers A few are registered Located on Rt 45, 3 miles east of Pine Grove Mills, 3 miles west of Boalsburg PA Art Kling and Ron Gilligan, Auctioneers

SAT AUG 4 10 AM Public Auction of Valuable 8 3 Acre Farmette, Construction Equipment, Antique Trucks & Car, Horses & Tack, & Household Goods Located on Rt 472 south of Quarryville, 6 miles to Maple Shade Rd Turn East 1 mile or from Oxford go north 6 miles on Rt 472 to Maple Shade Rd Turn east 1 mile Nelson H Rader, Owner Lloyd Kreider, Randal Kline, Roy Good & Gary Shirk Auctioneers

SAT AUG 4 Public Auction of Antiques, Guns Collectibles, Currency and Personal Property Located at 66 Prospect Rd, Elizabethtown, PA Brinser B Heistand, Owner Long & Wolgemuth, Auctioneers

THURS AUG 9 - Public Auction of Complete Purebred Dispersal for Cedarcrest-Vu (Don Eastburn Family) to be held at Mel Kolb, Inc 2220 Dairy Road West of Lancaster on Dairy Road, Take Rt 283 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Rd turn left after exiting, go to Mill, then sharp right under railroad bridge Barn is within sight of Rt 283

FRI AUG 10 9 A M Farm Machinery Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI AUG 10 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI AUGUST 10 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

AUCTION
RESTAURANT EQUIPMENT & FURNISHINGS

For: Alfalfa's 1 Mi. E. of Lansdale at Rt. 202 & 63 North Wales, PA.

MONDAY, JULY 16, 1984

10:00 A.M.

U.S. Range Charbroiler Mod. RBA-60, 5'0", Raeton/Victory S/S Front single door Refrigerator Mod. AR 22-53, Hobart Mod. 312 Microwave Ovens, Garland Gas Range Mod. 386-2, G.E. Fryers, Mod. CK40, Perlick 48" Glass Frosters Mod. 8330-SS, Perlick 24" Glass Chiller, Perlick Draft Beer System 8 heads, Bricksco Heater/Proofer Mod. C-74-1-3-8, 35' Custom Built Bar and Back Bar w/Corian top & brass foot rail, bar stools, Croney bars, Empire cane stacking chairs, Empire vinyl stacking chairs, wine cellar chairs, 22 hanging lamps, mnay 2 & 4 & 6 seat booths w/table & cantilever base, misc. antiques & collectibles used for decor, child's size antique motorcycle, Bentley auto grill, misc. primitive kitchen & farm items.

TERMS - CASH

Sanford A. Alderfer, Inc.
REAL ESTATE BROKERS and AUCTIONEERS
665 Harleysville Pike (Rt 113)
Box 1 Harleysville PA 19438
215-723-1171 or 256-8892

PA. No. AU-001117-L

PUBLIC AUCTION
VALUABLE 8.3 ACRE FARMETTE CONSTRUCTION EQUIPMENT, ANTIQUE TRUCKS & CAR, HORSES & TACK, HOUSEHOLD GOODS

SAT., AUGUST 4, 1984

10:00 A.M.

Located Rt. 472 South of Quarryville 6 Miles to Maple Shade Rd., turn East 1 Mile or from Oxford go North 6 Miles on Rt. 472 to Maple Shade Rd. turn East 1 Mile.

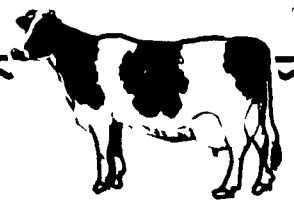
Property consists of 5 Acres of tillable land, woods, stream. All fenced in. 3 Bedroom Modular Home 24x42, elec. heat, 2 baths, full basement, 12x16 greenhouse attached.

Open House- Sat. July 14, 21, & 28 from 1 to 4 PM. This property has a lot of potential. Real Estate will be offered at 1 PM. More information call Auct. 717-786-3394.

TERMS BY
NELSON H. RADER

Auctioneers Conducting Sale:
Lloyd Kreider, AU000513L
Randal Kline, Roy Good, Gary Shirk

KREIDER & KLINE AUCTION SERVICE
Phone 717-786-3394
or 717-733-1006



NEW HOLLAND SALES STABLES, INC.
New Holland, Pa.
DAIRY SALE CONSIGNMENTS
For
WEDNESDAY, JULY 11, 1984

1 Load Purebred and Canadian Grade Cows, fresh and springers.
1 Nel Acres Johnna Senator daughter.
2 Marquis Ned daughters.
This is a top load of cows consigned by Leroy Smucker.

1 Load Fresh and Springing Cows consigned by Merle Breneman.
1 Load Fresh and Springing Cows consigned by Marvin Eshleman.
1 Load Fresh Cows consigned by Norman Kolb.
1 Load Fresh and Springing Cows consigned by H.D. Matz.
1 Load Fresh and Springing Cows consigned by Raymond Smucker.
1 Load Fresh and Springing Cows consigned by Alfred Albright.

FRIDAY NITE JULY 13, 8 P.M. DST

2 COMPLETE HERD DISPERSALS

AT SHADY LANE DAIRY SALES INC. ¼ mile west of Quarryville, Pa. off Rt. 372 on Oak Bottom Rd.

COMPLETE HERD OF 65 HEAD FOR ED STIFLEER, 2836 Scarff Rd. Fallston, Md.
40 HEAD HERD FOR LESTER AND THOMAS KACHEL, R.D. #3 Quarryville, Pa.

THE herd of Stifler's consists of 58 mature cows with several recently fresh, and the majority calving for base milk. These cows are large in size. Good dairy cows with app. 30 years of Artificial Breeding, using Sire Power for many years. Some 90 lb. cows in this herd, also, 8 big fancy 1st calf heifers due for Summer and Fall Freshening.

The Kachel herd consists of 31 Mature cows, several recently fresh with several due now till fall. The balance in all stages of lactation. Cows have good size with plenty of potential. Also, 9 bred heifers due to freshen Sept. & Oct.

FARMERS & DEALERS this is a large Sale with something for everyone. So, Make your plans to come early and stay late.

All Cows 30 Day T.B. & Blood Tested **Pregnancy Checked**

SHADY LANE DAIRY SALES INC.
R.D.#4 Box 463
QUARRYVILLE, PA. 17566

GLENN D. FITE
717-786-2750

DAVID L. FITE
717-786-1725

SAWMILL AUCTION
FRIDAY, JULY 13, 1984 - 10:00 A.M.

Located in Perry County, Wheatfield Twp. at Montabello Park, from Duncannon, take 274 West to Paradise Road to right - go approx. 2 miles to first crossroads, turn right - 1 mile to Mill. From Newport, take Rt. 849 East 3 miles through Pine Grove to School House, turn right, 3 miles to Saw Mill (Watch for sale signs)

SAWMILL EQUIPMENT

- Frick 100 Saw Mill with 20 ft. Carriage
- Atcagin Saw - 52" blade- 42 teeth (2nd set of holders in saw)
- Trojan Rubber tired 4-wheel Drive front-end Loader with forklift and material bucket - Chevy V8 Motor - Works Good
- Cutoff Saw with 3 h.p. elec. motor
- 2 Lumber Carts; 300 ft. 3 inch Cart Track
- Air Compressor with 150 pressure capacity
- New 20 Ton Winch with cable - Never Used
- 30 ft. 6x12 inch I Beam
- 10 Ton Winch - Mounted on old truck Chassis (Sold Separately)
- New Power Steering Unit for Front-end Loader
- Stihl Chain Saw with 25 inch Bar
- Sawdust Drag & Chain
- Mellot Hydraulic Log Turner
- Mellot Elec. Log Cleaner
- Detroit 471 4 cyl. Diesel Power Unit with Ext. Pully - runs good- less than 5000 hrs.
- Frick 27 inch Edger with new holders in Saws.
- 330 ft. of Heavy Duty Rolls
- Slab Wood Straping Box
- 3 Extra 52 and 48 inch Saws
- Shallow Well Water System
- Forney Elec. Welder - large chain Hoist
- Asst. of Extra Long V Belts
- New Water Pump for Detroit 471
- Stihl 041 Chain Saw
- Pile of Scrap Parts and Misc. Items.
- Could be a Small amount of Sawed Lumber!

"Also, an assortment of Good Tools and Misc. Items used around the Saw Mill"
Mill Can Be Moved
or ground that it sits on Can be rented for $250.00 per year.
Not Responsible for Accidents. **I.D. Required for Bidder's No.**
Lunch Truck

MELVIN G. LANDIS, OWNER
(717) 567-6570

Sale Managed By:
AUCTION SERVICE KLING'S
R D 1 Landisburg PA 17040
tel 717-789-3883

Public Auction Register

Closing Date Monday, 5 00 P M
of each week s publication

SAT AUG 11 12 30 PM Herd Dispersal of 55 Head located 2 miles nor theast of Bernville off Shartlesville Road, east on Irish Creek Road 1 mile to first farm on left 4 miles south of Shartlesville, 4 miles west of Centerport, Berks Co Wilbur and Pauline Hartranft, Owners Paul Snyder and Alvin Horning, Auctioneers

SAT AUG 11 9 30 AM Public Auction of Farm Equipment, Antiques, & Household Goods Located in Cumberland Co, PA, 1½ miles from Mt Holly, across from PPG Albert Derrick Owner Melvin & Lamar Sensenig, Auctioneers

SAT AUG 11 - Public Auc tion of approx 2 acre Farmette, Farm Equipment, & Household Goods Located in Clay Twp Lanc Co, PA Leon P & Lorraine G Weaver Owner John E & Paul E Martin, Auctioneers

THURS AUG 16 - Mon thly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI AUGUST 17 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auc tioneers

SAT AUG 18 12 Noon Public Auction of the 5th Annual Prince Plaudit Production Sale of Appaloosa Horses Located in Strattanville PA Rim Wolk Farm Dave Stahlman Owner Davis & Templeton Auctioneers

SAT AUG 18 9 AM Public Auction of the 16th Annual Community Sale Selling Farm Equipment Household & Antiques Located at Leesport Auc tion Grounds, Rt 61 N of Reading, PA Sponsored by the Berks Co Ponoma Grange 7 Auctioneers

SAT AUG 18 Public Consignment Sale of the Kutztown Fire Co Located 2 miles north of Rt 422 on Rt 645 Con tact Henry Brubaker 717 866-2702

FRI AUG 24 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

FRI AUG 24 7 PM Public Auction of the Lebanon Co Holstein Club Annual Holstein Sale Located at the Lebanon Area Fairgrounds, Lebanon, PA Harry H Bachman Auctioneer

FRI AUGUST 24 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lan caster Turkey Hill Minit Market, cross RR bridge Ira Stoltzfus & Son Auc tioneers

SAT AUG 25 9 30 AM Public Auction of Real Estate, Livestock and Farm Equipment Located 4 miles east of Blue Ball, 4 miles west of Honey Brook along Rt 322, Lanc Co, PA John K & Mary Ann Zook, Owners Diffenbach's Auctioneers

Dairy and Livestock Sales

SEPT.

THURS SEPT 6 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm 2220 Dairy Road, Lancaster PA

FRI SEPT 7 7 00 P M Holstein Promotional Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach Manager

FRI SEPT 7 7 PM Public Auction of a Holstein Promotion Sale Located at New Holland Sales Stables, Inc 12 miles East of Lancaster, off Rt 23 Abe Diffenbach & Norman Kolb, Auctioneers

FRI SEPT 7 9 AM Public Auction of all kinds of Machinery on Consign ment Located at the Belleville Livestock Market Belleville PA Belleville Livestock Market Owners Mark Glick, Auctioneer

TUES SEPT 11 7 PM Public Sale of Feeder Cat tle and Feeder Pigs at Carlisle Livestock Market exit 12 off I 81 717 249 4511

FRI SEPT 14 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market Inc

FRI SEPT 14 7 PM Public Auction of the District Relief Heifer Sale for the Church of the Brethren Located at the Lebanon Fairgrounds, Lebanon, PA Claire Kreider, Manager

THURS SEPT 20 Mon thly Cow Sale at Mel Kolb, Inc Maryland Farm, Woodsboro, MD ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI SEPT 21 Landisburg, PA Kling's Fall Invitational William Kent Bergen NY Pedigrees Kling's Auction Sale Managers

FEEDER SALE!

FRIDAY
JULY 13th
1:30 PM
CARLISLE
LIVESTOCK
MARKET
Just Off I 81 Exit 12
Phone (717) 249 4511
or Jim 249 2359

DUTCHFIELD FARM OPEN HOLSTEIN HEIFER DISPERSAL AT AUCTION

At the Farm on Leedsville Road 2 miles South of Route 343 (Amenia-Sharon Rd.) Amenia, N.Y.

SATURDAY, JULY 14, 1984

11.00 A.M. Rain or Shine 11:00 A.M

110 HY GRADE OPEN HOLSTEIN HEIFERS

Consists of approximately 50 heifers from 1 year to 1½ years of age and 60 heifers from a few days to 1 year old

Many Dams with records in excess of 20 000 lbs Sires include Troy Now Wales Neil Aladin Stargazer The heifers are in excellent condition well grown and all raised on the farm from Best Eastern Sires available Majority are dehorned and calf hood vaccinated 1983 herd average 16 500 lbs

TERMS OF SALE Cash or good check with a bank letter guaranteeing payment

Sale by order of
DUTCHFIELD FARM
Amenia, N.Y.

D. Luther, Auctioneer & Sales Mgr
Amenia, N.Y. 914-373-8215 373-9900
Delos Luther II, 373-8045

LUTHER

PUBLIC SALE

SATURDAY, JULY 14, 1984
Starting Time 9 AM

To be held at the Susquehanna Motel located along Rte. 11 & 15, 1 mile south of Sunbury traffic circle, Shomokin Dam.

Selling valuable real estate — a real investor's or business opportunity. 25 unit Susquehanna Motel w/2-bedroom living quarters w/cut stone, front base board heat, air conditioning, color TV in each room, all in excellent & maintenance condition. Also to rear, a 40x48 clear span garage or storage building. Lots of black top parking area.

Terms: 10% Down. Settlement Possession 30 days. For Appointment Call Owner 717-743-1551

Also antique & collectors autos, 35 Winchester shotgun & rifle & various models. 2 Fox Sterlingworth double BBL, miscellaneous household furnishings, new 15 pieces of 40' steel roof trusses, new Anderson vinyl clad windows. **Terms: Cash.**

Lunch available. Owner or Auctioneer not responsible in case of accident.

Owners,
MR. & MRS. B. EPLER
717-743-1551

Attorney:
Laird Gemberling
Sellinsgrove, PA
Auctioneer: Earl Eash
AU000244L
New Berlin, PA

DAIRY SALE

Located 4½ Miles North of Woodsboro, Md. or 8 Miles South of Taneytown, Md. on Route 194, ½ Mile East on Good Intent Road at Ladiesburg, Md.

FRIDAY EVE., JULY 13, 1984
At 7:30 P.M.
50 Head of Quality Holstein Dairy Cattle 50

Consisting of 27 first calf heifers, 16 second & 6 third calf cows of which 6 are registered. 18 freshened in late April & May, 21 freshened in June, 10 to freshen by sale day.

Registered 18 mo. old sire out of a dam w/records over 20,800 and Elevation & Arlinda Chief bloodlines.

This is an exceptionally fine group of heifers and young cows, quiet & gentle, well uddered with lots of dairy character with most heifers milking 50-70 lbs. per day & cows milking well, some over 90 lbs. per day. Bangs & T.B. tested within 30 days of sale for interstate shipment.

McGraw 6 ft. electronic bug killer, like new.

Cattle sold in tent - Loading chute available.

TERMS: Cash - Not responsible for accidents.

RICHARD H. LAYMAN
Phone (301) 775-7211
Auctioneer: Robert C. Mullendore
Clerk: C.L. Metz
Lunch Rights Reserved

SPECIAL HOLSTEIN DAIRY SALE

TUESDAY, JULY 10, 1984 8 P.M. D.S.T.
To be held at Smoketown Quality Dairy Sales
Smoketown, Pa., Rte. 340
5 Mile East of Lancaster, 5 Mile West of Intercourse

Fancy Reg. Heifer - 3 yr. old Arlinda Cinnamon +1761m +48F.
10,000-11,000m. DAM- Conductor.
Bred to Mars Elevation Toney +1962m +52F.

Reg.- Born 10-9-83 (Twins)
Sire- Dairymen +1769 PDM +1.84 PDT +633TPI
DAM- Straight-Pine Elevation Pete G.P. 83 pts. 2 yr.

Reg. Born 1-23-79
Sire- Cherry Height Mack
DAM- 295 days 17,238m. 477f
Due October to Rockalli son of Bova.
VG 88 Gold Medal 7-83 +1792m. +35f. Daughters average 19,604m. 760f.

Reg. Born 7-19-82
Sire- Sooner Elevation Chip.
DAM- Performer 82 pt. 15,000m. as 2 yr. old. Due Sept. to Valiant.

Reg. Born 6-17-82 Sire- New Hope Rebel Elevation.
DAM- Countdown over 15,000m. Due July to Kron Elevation
Chief Elmer EX90 +1277m. +46f. Daughters average 17,668m.

Gr. Born- 6-26-83 Sire- Sooner (A.B.S.)
DAM- Job Daughter 2yr 301 13,365m 3.7% 495

Two Reg. Holstein Bull's- Ready for Service.
Sire- Round Oak Rag Apple Elevation-Son Born 1-29-83
DAM- V.G. 86 Rosemere Fury Ivan
18,221m. 2 record over 20,000m. 695-718F.

Sire- Bell Son- Born 2-28-83
DAM- V.G. 87 Wintherthur Ivanhoe Eden Select
21,837m. 776F, 22,920m. 753F.
Gr Dam- Tidy Burke Jerry G.P. 83 23,470m. 827F.

Load of Fresh and Springing Heifers.

Load of Reg. and Grade Cows and Heifer's Out of New England States. Twelve From One Herd Dispersal Milking 60-80 Lbs. Good Uddered & Young Cows. Consigned by Johnny Jr.

Cows Milked at Regular Time
Cash or Good Check Night of Sale

Sale by
SMOKETOWN QUALITY DAIRY SALES, INC.
Gordon & Helen Fritz
717-393-0930
Carl Diller- Paul Snyder, Auctioneers-AU000873-L
Henry Kettering, Pedigrees

COMING UP ESTATES & DISPERSALS

Saturday, July 21 - Carpenter & Cement Power and Hand Tools in Village of Georgetown. Owner, Jacob Fisher.

Thursday, July 26, 1 PM - 31 Head of Holstein Heifers, All Bred For Summer and Fall Freshening, 55 Ton Ear Corn. Frank & Jetter Mills.

Saturday, July 28, 1 PM - 3 Parcels of Real Estate, 2 Mile East of Gap. Abner & Lizzie Fisher.

Saturday, August 18 - Quilts and Misc. Honey Brook Fire Company.

Saturday, September 1 - 2 Miles South of Strasburg, 50 Acre Dairy & Poultry Farm. John D. Glick.

Saturday, September 22 - Heifers to Benefit West Fallowfield, Linville Hill, Locust Grove Christian Schools.

Saturday, November 17 - 85 Acre Dairy Farms & Farm Machinery, 1½ Miles South of Gap. Christian K. Lapp Estate.

For Complete Auction Service Call
STEVE PETERSHEIM
717-786-4624

ABSOLUTE AUCTION

OF VALUABLE REAL ESTATE

On Thursday evening, July 19, 1984 at 7 P.M. sharp, located near Columbia, Pa. Turn on South 13th Street at McKonley's Service Station & Laundromat & follow 13th Street Extd. to end & go approx. ⅓ mile to sale site in West Hempfield Twp.

ABSOLUTE AUCTION

Tract of land consisting of approx. 2 ¾ acres of land zoned R-3 and improved with a large 40' x 80' bldg. of frame construction with brick & textured siding, insulated, has concrete floor, meter base in for 200 AMP service. Although bldg. is not finished out it could be made into a very nice bldg. that could be utilized for many different types of use. There is also a large picnic pavilion approx. size 40' x 72' with a macadam floor, fireplace, has electric, also numerous picnic tables. Property has a frame bungalow with siding, has electric, also a ladies & men's cement block bathroom with electric, water & septic system, good parking area, picnic tables, some lumber & misc. items go with the real estate. This real estate is only a very short distance from Columbia but offers a quiet peaceful setting with privacy. Small stream of water runs along edge of real estate. Ideal for a secluded social or recreation area, storage, etc. This picnic area has recently been rented out to various groups & organizations. If on the market for real estate of this type, be sure to attend this absolute auction. Will be open for your inspection on July 5 & 12 from 6:30 P.M. to 8 P.M. & 1 hour prior to auction time.

Not responsible for accidents on day of sale.

TERMS: 10% down, balance in 45 days. Other conditions will be given at time of auction. Real estate being held in As-Is condition. Remember, this real estate will be sold to the highest bidder at absolute auction.

Auction by the order of
Owners
THE BOARD OF DIRECTORS OF THE ENGINEERS SOCIAL & EDUCATIONAL CLUB

Auctioneer
Jacob A Gilbert
Phone 252-3591
Pa. License #336
Attorney,
David T. Mountz

SMOKEY HILL PRODUCTION SALE

SATURDAY, JULY 14, 1984

12:00 Noon
Fairgrounds, Troy, Pa.
Bradford County

Selling 50 Individually Selected Registered Jerseys with Outstanding Production and Type.

Featuring:

** A "Saint" due in August with: VG-86% 1-11 297 12,998 4.3% 564.
** A 3 year old "Trademark" with an Ex-90 dam and a 5.7% test.
** A VG-84% "Brave Soldier" fresh since May with: 1-11 305 12,210 5.2% 632.
** A two year old "Generator" bred to "Magic of Ogston" just fresh and testing 5.2%.
** A "Saint" with an Ex-90 dam and projected to: 12,434M 5.5% 611F 394P actual.
** Two "Chocolate Soldier" twins just fresh as two year olds and scored very good, will be offered buyers choice.
** A Vg-86% "Jeweler" and her "Top Brass" daugher.
** A Vg-86% Baronet with: 4-01 305 14,720 5.3% 777.
** A Vg-86% "Generator".

PLUS MANY MORE OUTSTANDING COWS OF THIS BREED

The pedigrees of these animals match their production.

Foundation sires include: Milestones Generator, Quicksilver, Trademark, Chocolate Soldier, and Marlu Milestone.

Service Sires include: Top Brass, Magic of Ogston, and Favorite Saint.

REQUEST CATALOGS FROM:

Craig Rhein
Rt.2, Box 370, Pine Grove, Pa.
717-345-3383

Sold by
ROY H. WATSON, Owner
Commission to Benefit
The Pennsylvania Jersey Cattle Club

Dairy and Livestock Sales

Public Auction Register

SAT SEPT 22 Public Auction Benefit Sale for West Fallowfield Christian School Located 2 miles south of Atglen PA along Old Rt 41 Newport Pike Leon Kurtz Auctioneer

TUES SEPT 25 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I 81 717 249 4511

SAT SEPT 29 12 Noon Red Carpet Horse Sale Public Auction of Registered Quarter Appaloosa and Thoroughbred Horses Located at the Cambria Co Fairgrounds Edensburg, PA Kevin Hines and Chris Rowe, Owners Davis and Templeton, Auctioneers

SAT SEPT 29 Consignment Heifer Sale to Benefit Elementary Christian Schools Located 6 miles east of Lancaster at the Guernsey Sales Pavilion Larry Kennel, Manager

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

EVENING DAIRY SALE

THURSDAY EVE., JULY 12, 1984

7:30 P.M.

Selling at Kling's Sale Barn, located 2½ miles N.E. of Landisburg, Perry Co., Pa., 15 miles North of Carlisle on Rt. 74:

70 HEAD HOLSTEINS

20 Registered Canadian Fresh & Close Cows and First-Calf Heifers-Some that are milking up to 80 lbs./day.

Several Top Northern Pa. cows that will be fresh by sale date-Several of these are registered. A Top group of Grade first-calf heifers that are due for July and August.

Also selling for F.H.A.-14 Cows from Franklin County-DHIA Records-All Stages of Lactation. Some Local Consignments.

"This is as good a group of cattle that I have had to sell at our regular sales. V.A.K.

Owner,
V. ART KLING
R.D. 1, Box 66
Landisburg, Pa. 17040
717-789-3883

OCT.

WED OCT 3 9 30 AM Show, 12 Noon Sale Annual Cow Show and Sale Located at the Belleville Livestock Market, Belleville, PA Mark Glick, Auctioneer

THURS OCT 4 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

TUES OCT 9 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I 81, 717 249 4511

WED OCT 10 12 Noon Public Auction of the Western PA Sale of Stars Located in Butler, PA

FRI OCT 12 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

SAT OCT 13 - 10 00 A M Annual Fall Heifer Sale at New Holland Sales Stable, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

THURS OCT 18 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

SAT OCT 20 - Public Auction of 48 Acre Farm, Household Goods, Antiques & Farm Equipment Located between Strasburg and Paradise along Espenshade Rd Amos G & Edna V Hershey, Owners Robert E & Jeffrey R Martin, Auctioneers

TUES OCT 23 - 7 PM Public sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I-81, 717-249-4511

SAT OCT 27 Public Auction of 119 Acre Farm and Improvements Located in Narvon, Rt 2, Salisbury Twp , Lanc Co , PA Verna E Martin, Owner John E & Paul E Martin, Auctioneers.

TUES OCT 30 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 I 81, 717 249 4511

WED OCT 31 12 Noon Annual Dairy Show and Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

NOVEMBER

FRI NOV 2 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster PA

FRI NOV 2 6 PM Public Auction of a Special Heifer Sale Selling 250 300 Heifers Some registered Open, Bred and Springing Heifers Located at the Belleville Livestock Market, Belleville PA Mark Glick Auctioneer

FRI NOV 9 9 00 A M Public Sale of Farm Equipment at New Holland Sales Stable, Inc Located 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

FRI NOV 9 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

THURS NOV 15 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

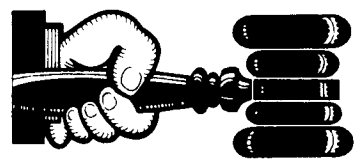
SAT NOV 17 9 30 AM Public Auction of an 85 acre Dairy farm, ready to operate 1 PM Also selling Farm Machinery Located 1½ miles south of Gap Christian K Lapp Estate Naomi F Lapp & Thomas C Lapp, Executors For inspection of farm 717 442 4452 or 442 8501 Steve Peter sheim Auctioneer 786 4624

DECEMBER

FRI DEC 7 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster PA

FRI DEC 14 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market Inc

THURS DEC 20 Monthly Cow Sale at Mel Kolb Inc , Maryland Farm Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

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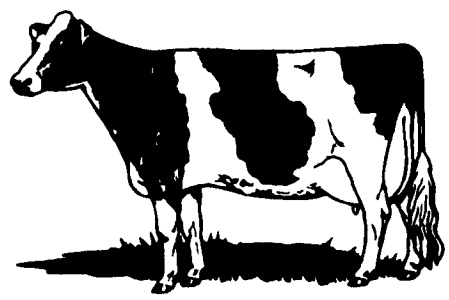
We are now listing Fall Sales.

MELVIN KOLB, INC.



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- 50 Short Bred Heifers
- Several Purebred Stock Bulls With Dams Records Over 25,000M
- Purebred And Grade Heifer Calves
- One Pair Well Broke Sorrel Work Horses

Daily Sales
Public Sales Monthly
Dispersals

LANCASTER, PA. FARM
717-569-6800/2106
Next Monthly Sale
Thurs. August 2
7:30

WOODSBORO, MD. FARM
301-898-7720/7663
Next Monthly Sale
Thurs. July 19
7:30

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P M
Horse Auction
2nd Saturday each month
1 P M
FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va
703-364-1566

Don't let Summer burn up your profits!

Purina's new Egg Weight Plus™ brand LAYING FEEDS increases egg size and returns!

Now Purina's **Egg Weight Plus** adds to the Accu-Line Program another way to increase egg size. These new Accu-Line™ brand laying feeds can improve egg size from young layers, whenever hot weather depresses egg size below market demands or anytime the price spread is wide between Medium and Large eggs.

Producers that feed Accu-Line realize the value of increasing egg size. With Accu-Line, they've increased egg size to meet changing market conditions, while maximizing the number of marketable eggs. The result—improved profits!

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23 N PARK ST RICHLAND PA 17087

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FONTANA, PA 17042

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SOUTHERN DIVISION
West Willow Farmers Assoc , Inc
PHONE 717-529-2113
RTE 472 AT UNION, PA
RD 1, OXFORD, PA 19363

WEST WILLOW FARMERS ASSN., INC.
PHONE 717-464-3386
WEST WILLOW PA 17583